

09-907508

```
;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-117-952-104

Query Match 1.9%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 548 CTCTGTAGCCACACAGGGA 569
DB 22 CTTGTAGCACAAAGCAGGTA 1

RESULT 13
US-08-746-397-3/C
; Sequence 3, Application US/08746397
; Patent No. 6130061
; GENERAL INFORMATION:
; APPLICANT: NI, ET AL.
; TITLE OF INVENTION: Human Stem Cell Antigen 2
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,397
; FILING DATE: 11/8/96
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/007,287
; FILING DATE: 11/9/95
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-494
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 3:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 BASE PAIRS
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: Oligonucleotide
; US-08-746-397-3

Query Match 1.9%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 554 AGCCACACAGGATCCCTCG 575
DB 22 AGCACATCAGATCGATCCGCG 1

RESULT 14
US-08-610-728B-10
; Sequence 10, Application US/08610728B
; Patent No. 5910427
; GENERAL INFORMATION:
; APPLICANT: Mikayama, Toshifumi
; APPLICANT: Tomura, Takafumi
; APPLICANT: Watarai, Hiroshi
; APPLICANT: Kuroki, Ryota
; APPLICANT: Kato, Yoichi
; APPLICANT: Ishizaka, Kimishige
; APPLICANT: Nakano, Tatsumi
; TITLE OF INVENTION: ANTIGEN NON-SPECIFIC GLYCOSYLATION
; TITLE OF INVENTION: INHIBITING FACTOR DERIVATIVES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/610,728B
; FILING DATE: 04-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07246/013001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Synthetic DNA"
; US-08-610-728B-10

Query Match 1.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 370 AGCTGTGCGCTCTCTGCTGCG 391
DB 2 AGCTGTAGCCGCGCTCTGCTGCG 23
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;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 BASE PAIRS
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: Oligonucleotide
; US-08-746-397-3

Query Match 1.9%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 554 AGCCACACAGGATCCCTCG 575
DB 22 AGCACATCAGATCGATCCGCG 1

RESULT 14
US-08-610-728B-10
; Sequence 10, Application US/08610728B
; Patent No. 5910427
; GENERAL INFORMATION:
; APPLICANT: Mikayama, Toshifumi
; APPLICANT: Tomura, Takafumi
; APPLICANT: Watarai, Hiroshi
; APPLICANT: Kuroki, Ryota
; APPLICANT: Kato, Yoichi
; APPLICANT: Ishizaka, Kimishige
; APPLICANT: Nakano, Tatsumi
; TITLE OF INVENTION: ANTIGEN NON-SPECIFIC GLYCOSYLATION
; TITLE OF INVENTION: INHIBITING FACTOR DERIVATIVES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/610,728B
; FILING DATE: 04-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07246/013001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Synthetic DNA"
; US-08-610-728B-10

Query Match 1.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 370 AGCTGTGCGCTCTCTGCTGCG 391
DB 2 AGCTGTAGCCGCGCTCTGCTGCG 23
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RESULT 15
US-09-324-096A-10/c
; Sequence 10, Application US/09324096A
; Patent No. 6323313
; GENERAL INFORMATION:
; APPLICANT: Tait, Jonathan
; APPLICANT: Brown, David
; TITLE OF INVENTION: ANNEXIN DERIVATIVE WITH ENDOGENOUS CHELATION SITES
; FILE REFERENCE: UOFW-1-13841
; CURRENT APPLICATION NUMBER: US/09/324,096A
; CURRENT FILING DATE: 1999-06-01
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-324-096A-10

Query Match      1.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 600 TGGCGGCTGGAGCTGGCCAT 61.9
| | | | | | | | | | | | | | | |
Db 21 TGGCAGGTGGCTGTGGCCAT 2

RESULT 16
US-09-667-135-7/c
; Sequence 7, Application US/09667135
; Patent No. 6521749
; GENERAL INFORMATION:
; APPLICANT: Vincent Ling
; APPLICANT: Kyriaki Dunussi-Joannopoulos
; TITLE OF INVENTION: NOVEL GL50 MOLECULES AND USES THEREFOR
; FILE REFERENCE: GNN-007
; CURRENT APPLICATION NUMBER: US/09/667,135
; CURRENT FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-667-135-7

Query Match      1.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 782 GTGTGAGCGCAAACTGACG 801
| | | | | | | | | | | | | | | |
Db 20 GTGCGAGCGCAGACTGCGGG 1

RESULT 17
US-09-329-920-6
; Sequence 6, Application US/09329920
; Patent No. 6328206
; GENERAL INFORMATION:
; APPLICANT: Bjornvad, Mads Eskelund
; APPLICANT: Rasmussen, Michael Dolberg
; APPLICANT: Jorgensen, Per Lina
; APPLICANT: Borchert, Torben Vedel
; APPLICANT: Erlich, Dr. Stanislas Dusko
; TITLE OF INVENTION: In Vivo Recombination
; FILE REFERENCE: 4833.204-US
; CURRENT APPLICATION NUMBER: US/09/329,920
; CURRENT FILING DATE: 1999-06-10

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; PRIOR APPLICATION NUMBER: 60/050,590
; PRIOR FILING DATE: 1997-06-24
; PRIOR APPLICATION NUMBER: 1471/96
; PRIOR FILING DATE: 1996-12-20
; PRIOR APPLICATION NUMBER: 0592/97
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: 0935/97
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-329-920-6

Query Match      1.8%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 769 AACTGGAGAGAGACTGTGAGCGC 791
| | | | | | | | | | | | | | | |
Db 1 AACTGCAGAGATGTGGACGCGC 23

RESULT 18
US-09-454-495-10/c
; Sequence 10, Application US/09454495
; Patent No. 6576759
; GENERAL INFORMATION:
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zeng, Hong
; APPLICANT: Vallerga, Anne
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51
; FILE REFERENCE: A-67649-1/RMS/DAV/JJD
; CURRENT APPLICATION NUMBER: US/09/454,495
; CURRENT FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 60/119,578
; PRIOR FILING DATE: 1999-02-10
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic.
US-09-454-495-10

Query Match      1.8%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 431 CCTGCTAGTCTAAAGCCAGATG 453
| | | | | | | | | | | | | | | |
Db 23 CCCAGCTACTCTATAGCCTGAGG 1

RESULT 19
US-09-672-717-30/c
; Sequence 30, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof

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; FILE REFERENCE: 07891/025001  
; CURRENT APPLICATION NUMBER: US/09/672,717  
; CURRENT FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 231  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 30  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: based on Homo sapiens  
US-09-672-717-30

Query Match 1.8%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 1.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 657 GTTCTCATGCAGCTGAAG 674  
||| ||||| ||||| |||||  
Db 18 GTTGTCTATGCAGCTGTAG 1

RESULT 20  
US-08-484-956-63  
; Sequence 63, Application US/08484956  
; Patent No. 5843654  
; GENERAL INFORMATION:  
; APPLICANT: DAHLBERG, JAMES E.  
; APPLICANT: LYAMICHEV, VICTOR I.  
; APPLICANT: BROW, MARY ANN D.  
; APPLICANT: OLDENBURG, MARY C.  
; APPLICANT: HEISLER, LAURA  
; TITLE OF INVENTION: DETECTION OF p53 MUTATIONS  
; NUMBER OF SEQUENCES: 114  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: HAVERSTOCK, MEDLEN & CARROLL  
; STREET: 220 MONTGOMERY STREET, SUITE 2200  
; CITY: SAN FRANCISCO  
; STATE: CALIFORNIA  
; COUNTRY: UNITED STATES OF AMERICA  
; ZIP: 94104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/484,956  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; FILING DATE: 09-MAR-1995  
; APPLICATION NUMBER: US 08/402,601  
; FILING DATE: 09-MAR-1995  
; PRIOR APPLICATION DATA: US 08/337,164  
; APPLICATION NUMBER: US 08/337,164  
; FILING DATE: 09-NOV-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/254,359  
; FILING DATE: 06-JUN-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/073,384  
; FILING DATE: 04-JUN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/986,330  
; FILING DATE: 07-DEC-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CARROLL J, PETER G.  
; REGISTRATION NUMBER: 32,837  
; REFERENCE/DOCKET NUMBER: FORS-01801  
; TELEPHONE: (415) 705-8410  
; TELEFAX: (415) 397-8338  
; INFORMATION FOR SEQ ID NO: 63:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-484-956-63

Query Match 1.8%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCCAGTTTGGCATTGGG 527  
||||| ||||| ||||| |||||  
Db 1 GCAAGTTTGGCTTTGGG 18

RESULT 21  
US-08-757-653-63  
; Sequence 63, Application US/08757653  
; Patent No. 5843669  
; GENERAL INFORMATION:  
; APPLICANT: KAISER, MICHAEL W.  
; APPLICANT: LYAMICHEV, VICTOR I.  
; APPLICANT: LYAMICHEV, NATASHA  
; TITLE OF INVENTION: Cleavage Of Nucleic Acid Using  
; TITLE OF INVENTION: Thermostable FEN-1 Endonucleases  
; NUMBER OF SEQUENCES: 190  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Medlen & Carroll, LLP  
; STREET: 220 Montgomery Street, Suite 2200  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States Of America  
; ZIP: 94104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/757,653  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ingolia, Diane E.  
; REGISTRATION NUMBER: 40,027  
; REFERENCE/DOCKET NUMBER: FORS-02565  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 705-8410  
; TELEFAX: (415) 397-8338  
; INFORMATION FOR SEQ ID NO: 63:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-757-653-63

Query Match 1.8%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCCAGTTTGGCATTGGG 527  
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Db 1 GCAAGTTTGGCTTTGGG 18

RESULT 22  
US-08-193-039B-1  
; Sequence 1, Application US/08193039B  
; Patent No. 5981176

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; GENERAL INFORMATION:
; APPLICANT: Wallace, R. Bruce
; TITLE OF INVENTION: Method of Detecting and
; TITLE OF INVENTION: Discriminating Between Nucleic Acid Sequences
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: City of Hope
; STREET: 1500 East Duarte Road
; CITY: Duarte
; STATE: California
; COUNTRY: United States of America
; ZIP: 91010-0269
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M High Density 3 1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS (R) Version 3.30
; SOFTWARE: Microsoft (R)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/193,039B
; FILING DATE: 04 February 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/05133
; FILING DATE: 17 June 1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: E. Anthony Flagg
; REGISTRATION NUMBER: 27,195
; REFERENCE/DOCKET NUMBER: 2124-108
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; TELEX: No. 59811766
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-08-193-039B-1

Query Match 1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCCAGTTGGCATTGGG 527
Db 1 GCAAGTTGGCTTTGGG 18

RESULT 23
US-08-520-946-63
; Sequence 63, Application US/08520946
; Patent No. 6372424
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 160
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/520,946
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-520-946-63

Query Match 1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCCAGTTGGCATTGGG 527
Db 1 GCAAGTTGGCTTTGGG 18

RESULT 24
US-09-806-254-6/c
; Sequence 6, Application US/09806254
; Patent No. 6458838
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: Adrenoleukodystrophy Treatments and
; TITLE OF INVENTION: Drug Screening
; FILE REFERENCE: 01107.83615
; CURRENT APPLICATION NUMBER: US/09/806,254
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 60/102,186
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-806-254-6

Query Match 1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 511 CCAGTTGGCATTGGGA 528
Db 19 CCAGTTGGCATTGGGA 2

RESULT 25
US-09-806-254-8/c
; Sequence 8, Application US/09806254
; Patent No. 6458838
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: Adrenoleukodystrophy Treatments and
; TITLE OF INVENTION: Drug Screening
; FILE REFERENCE: 01107.83615
; CURRENT APPLICATION NUMBER: US/09/806,254
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 60/102,186
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 30

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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-806-254-8

Query Match          1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  511 CCAGTTGGCATTGGGA 528
Db   19 CCAGTTGGCATTGGGA 2

RESULT 26
US-09-860-761-1
; Sequence 1, Application US/09860761
; Patent No. 6627402
; GENERAL INFORMATION:
; APPLICANT: Wallace, R. Bruce
; TITLE OF INVENTION: Method of Detecting and
; Discriminating Between Nucleic Acid Sequences
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: City of Hope
; STREET: 1500 East Duarte Road
; CITY: Duarte
; STATE: California
; COUNTRY: United States of America
; ZIP: 91010-0269
; MEDIUM TYPE: 3M High Density 3 1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS (R) Version 3.30
; SOFTWARE: Microsoft (R)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/860,761
; FILING DATE: 21-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION NUMBER: US/08/193,039B
; FILING DATE: 04 February 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: E. Anthony Figg
; REGISTRATION NUMBER: 27,195
; REFERENCE/DOCKET NUMBER: 2124-108
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-860-761-1

Query Match          1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  510 GCCAGTTGGCATTGGG 527
Db   1 GCAAGTTGGCTTTGGG 18

RESULT 27
US-09-655-378A-63
; Sequence 63, Application US/09655378A
```

```
; Patent No. 6673616
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/655,378A
; FILING DATE: 05-Sep-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 63:
US-09-655-378A-63

Query Match          1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  510 GCCAGTTGGCATTGGG 527
Db   1 GCAAGTTGGCTTTGGG 18

RESULT 28
US-09-198-484-9
; Sequence 9, Application US/09198484
; Patent No. 6162435
; GENERAL INFORMATION:
; APPLICANT: Minion, F. Chris
; APPLICANT: Hsu, Tsungda
; TITLE OF INVENTION: RECOMBINANT MYCOPLASMA HYOPNEUMONIAE VACCINE
; FILE REFERENCE: 19000.028/P028
; CURRENT APPLICATION NUMBER: US/09/198,484
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
US-09-198-484-9

Query Match          1.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 905 TTTTAAGTGAAGACAG 922  
Db 1 TTGTAAGTGAAGCCAG 18

RESULT 29  
US-09-667-135-10/c  
; Sequence 10, Application US/09667135  
; Patent No. 6521749  
; GENERAL INFORMATION:  
; APPLICANT: Vincent Ling  
; TITLE OF INVENTION: Kyriaki Dunussi-Joannopoulos  
; FILE REFERENCE: GNN-007  
; CURRENT APPLICATION NUMBER: US/09/667,135  
; CURRENT FILING DATE: 2000-09-21  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: Fast-Seq for Windows Version 4.0  
; SEQ ID NO 10  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-667-135-10

Query Match 1.8%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 404 CTTGCTCCAGCAGGCTCT 421  
Db 21 CTTGCTCCAGCAGGCTGT 4

RESULT 30  
US-08-154-019-27/c  
; Sequence 27, Application US/08154019  
; Patent No. 5633076  
; GENERAL INFORMATION:  
; APPLICANT: Deboer, Herman A.  
; APPLICANT: Strijker, Rein  
; APPLICANT: Heyneker, Herbert L.  
; APPLICANT: Platenburg, Gerald  
; APPLICANT: Lee, Sang He  
; APPLICANT: Pieper, Frank  
; TITLE OF INVENTION: Production of Recombinant Polypeptides  
; TITLE OF INVENTION: by Bovine Species and Transgenic Methods  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew  
; STREET: One Market Plaza, Steuart Tower, Suite 2000  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94105  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/154,019  
; FILING DATE: 16-NOV-1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/461,333  
; FILING DATE: 05-JUN-1995  
; APPLICATION NUMBER: US 08/077,788  
; FILING DATE: 15-JUN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/895,956

; FILING DATE: 15-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/619,131  
; FILING DATE: 27-NOV-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/444,745  
; FILING DATE: 01-DEC-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Liebeschultz, Joe O.  
; REGISTRATION NUMBER: 37,505  
; REFERENCE/DOCKET NUMBER: 16994-003123  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-543-9600  
; TELEFAX: 415-543-5043  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-154-019-27

Query Match 1.7%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAACTGTG 786  
Db 21 CAGAACTGGAGAAAGTGAG 1

RESULT 31  
US-08-461-333-27/c  
; Sequence 27, Application US/08461333  
; Patent No. 5741957  
; GENERAL INFORMATION:  
; APPLICANT: Deboer, Herman A.  
; APPLICANT: Strijker, Rein  
; APPLICANT: Heyneker, Herbert L.  
; APPLICANT: Platenburg, Gerald  
; APPLICANT: Lee, Sang He  
; APPLICANT: Pieper, Frank  
; APPLICANT: Krimpenfort, Paul J.A.  
; TITLE OF INVENTION: Production of Recombinant Polypeptides  
; TITLE OF INVENTION: by Bovine Species and Transgenic Methods  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew  
; STREET: One Market Plaza, Steuart Tower, Suite 2000  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94105  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,333  
; FILING DATE: 05-JUN-1995  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/077,788  
; FILING DATE: 15-JUN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/895,956  
; FILING DATE: 15-JUN-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/619,131  
; FILING DATE: 27-NOV-1990  
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/444,745  
FILING DATE: 01-DEC-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Liebescheutz, Joe O.  
REGISTRATION NUMBER: 37,505  
REFERENCE/DOCKET NUMBER: 16994-003123  
TELEPHONE: 415-543-9600  
TELEFAX: 415-543-5043  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-461-333-27

Query Match 1.7%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAGTGTG 786  
Db 21 CAGAACTGGAGAGAGTGTG 1

RESULT 32  
US-08-464-167-27/c  
Sequence 27, Application US/08464167  
Patent No. 6013857  
GENERAL INFORMATION:  
APPLICANT: Deboer, Herman A.  
APPLICANT: Strijker, Rein  
APPLICANT: Heyneker, Herbert L.  
APPLICANT: Platenburg, Gerald  
APPLICANT: Lee, Sang He  
APPLICANT: Pieper, Frank  
APPLICANT: Krimpenfort, Paul J.A.  
TITLE OF INVENTION: Production of Recombinant Polypeptides  
TITLE OF INVENTION: by Bovine Species and Transgenic Methods  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew  
STREET: One Market Plaza, Steuart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/464,167  
FILING DATE: 08-JUN-1995  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/077,788  
FILING DATE: 15-JUN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/895,956  
FILING DATE: 15-JUN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/619,131  
FILING DATE: 27-NOV-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/444,745  
FILING DATE: 01-DEC-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Liebescheutz, Joe O.  
REGISTRATION NUMBER: 37,505

REFERENCE/DOCKET NUMBER: 16994-003124  
TELEPHONE: 415-543-9600  
TELEFAX: 415-543-5043  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-464-167-27

Query Match 1.7%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAGTGTG 786  
Db 21 CAGAACTGGAGAGAGTGTG 1

RESULT 33  
US-09-158-313-27/c  
Sequence 27, Application US/09158313  
Patent No. 6066725  
GENERAL INFORMATION:  
APPLICANT: Deboer, Herman A.  
APPLICANT: Strijker, Rein  
APPLICANT: Heyneker, Herbert L.  
APPLICANT: Platenburg, Gerald  
APPLICANT: Lee, Sang He  
APPLICANT: Pieper, Frank  
APPLICANT: Krimpenfort, Paul J.A.  
TITLE OF INVENTION: Production of Recombinant Polypeptides  
TITLE OF INVENTION: by Bovine Species and Transgenic Methods  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew  
STREET: One Market Plaza, Steuart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/158,313  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/476,798  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/895,956  
FILING DATE: 15-JUN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/619,131  
FILING DATE: 27-NOV-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/444,745  
FILING DATE: 01-DEC-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Liebescheutz, Joe O.  
REGISTRATION NUMBER: 37,505  
REFERENCE/DOCKET NUMBER: 16994-003125  
TELEPHONE: 415-543-9600  
TELEFAX: 415-543-5043  
INFORMATION FOR SEQ ID NO: 27:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-158-313-27

Query Match          1.7%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      766 CAGAACTGGAGAGAAAGTG 786
        ||||| ||||| ||||| |||||
Db      21 CAGAACTGGAGAAAGTGAG 1

RESULT 34
US-08-476-798-27/c
; Sequence 27, Application US/08476798
; Patent No. 6140552
; GENERAL INFORMATION:
; APPLICANT: Deboer, Herman A.
; APPLICANT: Strijker, Rein
; APPLICANT: Heyneker, Herbert L.
; APPLICANT: Platenburg, Gerald
; APPLICANT: Lee, Sang He
; APPLICANT: Pieper, Frank
; APPLICANT: Kripenfort, Paul J.A.
; TITLE OF INVENTION: Production of Recombinant Polypeptides
; TITLE OF INVENTION: by Bovine Species and Transgenic Methods
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,798
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/077,788
; FILING DATE: 15-JUN-1993
; APPLICATION DATA:
; APPLICATION NUMBER: US 07/895,956
; FILING DATE: 15-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/619,131
; FILING DATE: 27-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/444,745
; FILING DATE: 01-DEC-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebescheutz, Joe O.
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 16994-003125
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-543-9600
; TELEFAX: 415-543-5043
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```

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; MOLECULE TYPE: DNA
US-08-476-798-27

Query Match          1.7%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      766 CAGAACTGGAGAGAAAGTG 786
        ||||| ||||| ||||| |||||
Db      21 CAGAACTGGAGAAAGTGAG 1

RESULT 35
US-08-271-942A-65
; Sequence 65, Application US/08271942A
; Patent No. 5550020
; GENERAL INFORMATION:
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,942A
; FILING DATE: 08-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 11 of human RB1 gene
US-08-271-942A-65

Query Match          1.7%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      936 TTTTGTGTTTATGAGTCAACAG 956
        ||||| ||||| ||||| |||||
Db      1 TATGATTGTTATGAGCAACAG 21

```

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RESULT 36
US-08-938-059-2/c
; Sequence 2, Application US/08938059
; Patent No. 5972700
; GENERAL INFORMATION:
; APPLICANT: William R. Jacobs, Jr.
; APPLICANT: Stoyan Bardarov
; APPLICANT: Graham F. Hatfull
; TITLE OF INVENTION: TM4 Conditional Shuttle Phasmids and Uses Thereof
; FILE REFERENCE: 96700/517
; CURRENT APPLICATION NUMBER: US/08/938,059
; CURRENT FILING DATE: 1997-09-26
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Word Processor (ASCII)
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Mycobacteria
US-08-938-059-2

Query Match          1.7%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 773 GGAGAGAGAGTGTGAGCGCAA 793
DB 22 GGAGAGAGAGCGGAGAGCAA 2

RESULT 37
US-08-779-916A-65
; Sequence 65, Application US/08779916A
; Patent No. 6063567
; GENERAL INFORMATION:
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; APPLICANT: Hui, May
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,916A
; FILING DATE: 07-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,942
; FILING DATE: 08-JUL-1994
; NAME: Marina T. Larson
; ATTORNEY/AGENT INFORMATION:
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
```

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 11 of human RB1 gene
US-08-779-916A-65

Query Match          1.7%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 936 TTTTGTTTTATGAGTCAACAG 956
DB 1 TATGATTTTATGAGCAACAG 21

RESULT 38
US-09-930-218-9
; Sequence 9, Application US/09930218
; Patent No. 6677137
; GENERAL INFORMATION:
; APPLICANT: goldshmidt, orit
; APPLICANT: pecker, iris
; APPLICANT: vlodavsky, israel
; APPLICANT: israel, michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H
; FILE REFERENCE: 01/22335
; CURRENT APPLICATION NUMBER: US/09/930,218
; CURRENT FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 09/666,390
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
US-09-930-218-9

Query Match          1.7%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 810 AACCTGTACTGTGGTGCT 830
DB 1 AGCCCTGTACTGTGGTGCT 21

RESULT 39
PCT-US95-08604-65
; Sequence 65, Application PC/TUS9508604
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: HSC Research and Development Limited Partnership
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
```

STATE: NY  
COUNTRY: USA  
ZIP: 10598-4412  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS 5.0  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/08604  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/271,942  
FILING DATE: 08-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Marina T. Larson  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN.P-003-WO  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 65:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
HYPOTHETICAL: no  
ANTI-SENSE: no  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE:  
NAME/KEY: primer for exon 11 of human RB1 gene  
PCT-US95-08604-65  
Query Match 1.7%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.1e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 936 TTTTGTATTATGAGTCAACAG 956  
DB 1 TATGATTTTATGAGACACAG 21  
RESULT 40  
US-09-702-327-30  
Sequence 30, Application US/09702327  
Patent No. 6426220  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
FILE REFERENCE: RTS-0097  
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION  
CURRENT APPLICATION NUMBER: US/09/702,327  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 30  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-327-30  
Query Match 1.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 342 CTGTGTCCAGGCCA 357

DB 4 CTGTGTCCAGGCCA 19  
RESULT 41  
US-09-661-753-51/c  
Sequence 51, Application US/09661753  
Patent No. 6436909  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean  
FILE REFERENCE: ISPH-0498  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA  
CURRENT APPLICATION NUMBER: US/09/661,753  
CURRENT FILING DATE: 2000-09-14  
EARLIER APPLICATION NUMBER: 60/154,546  
EARLIER FILING DATE: 1999-09-17  
NUMBER OF SEQ ID NOS: 68  
SEQ ID NO 51  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-661-753-51  
Query Match 1.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 566 GGGATCCTCGCTGCCT 581  
DB 20 GGGATCCTCGCGCCT 5  
RESULT 42  
US-09-853-768-45/c  
Sequence 45, Application US/09853768  
Patent No. 6444466  
GENERAL INFORMATION:  
APPLICANT: Donna T. Ward  
FILE REFERENCE: RTS-0217  
TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION  
CURRENT APPLICATION NUMBER: US/09/853,768  
CURRENT FILING DATE: 2001-05-10  
NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 45  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-853-768-45  
Query Match 1.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 310 ATGGGAAGACTGCAG 325  
DB 16 ATGGGAAGTCTGCAG 1  
RESULT 43  
US-09-422-978-5641  
Sequence 5641, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
FILE REFERENCE: Blumefeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...



FILE REFERENCE: GENSET.020CPI  
 CURRENT APPLICATION NUMBER: US/09/422,978  
 CURRENT FILING DATE: 1999-10-20  
 EARLIER APPLICATION NUMBER: US 09/298,850  
 EARLIER FILING DATE: 1999-04-21  
 EARLIER APPLICATION NUMBER: US 60/109,732  
 EARLIER FILING DATE: 1998-11-23  
 EARLIER APPLICATION NUMBER: US 60/082,614  
 EARLIER FILING DATE: 1998-04-21  
 NUMBER OF SEQ ID NOS: 11796  
 SEQ ID NO 5641  
 LENGTH: 21  
 TYPE: DNA  
 ORGANISM: Homo Sapiens  
 FEATURE:  
 NAME/KEY: primer\_bind  
 LOCATION: 1..21  
 OTHER INFORMATION: upstream amplification primer 99-5760 for SEQ 1707,  
 US-09-422-978-5641

Query Match 1.7%; Score 14.4; DB 1; Length 21;  
 Best Local Similarity 93.8%; Pred. No. 2.1e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 514 GTTGGCATTGGAG 529  
 Db 5 GTTGGCATTGGAG 20

RESULT 44  
 US-08-050-743-6  
 ; Sequence 6, Application US/08050743  
 ; Patent No. 5447839  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bauer, Heidi M.  
 ; APPLICANT: Greer, Catherine E.  
 ; APPLICANT: Manos, Michele  
 ; APPLICANT: Resnick, Robert M.  
 ; APPLICANT: Ting, Yi  
 ; TITLE OF INVENTION: Detection of Human Papillomavirus by the  
 ; TITLE OF INVENTION: Polymerase Chain Reaction  
 ; NUMBER OF SEQUENCES: 85  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Hoffmann-La Roche Inc.  
 ; STREET: 340 Kingsland Street  
 ; CITY: Nutley  
 ; STATE: New Jersey  
 ; COUNTRY: U.S.A.  
 ; ZIP: 07110  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/050,743  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Sias, Stacey R.  
 ; REGISTRATION NUMBER: 32,630  
 ; REFERENCE/DOCKET NUMBER: 8793  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (510) 814-2863  
 ; TELEFAX: (510) 814-2977  
 ; INFORMATION FOR SEQ ID NO: 6:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-050-743-6

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAGCTGT 334  
 Db 2 AGGTCTGCAGAAAGCTGT 20

RESULT 45  
 US-08-474-542A-11  
 ; Sequence 11, Application US/08474542A  
 ; Patent No. 5527898  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bauer, Heidi M.  
 ; APPLICANT: Gravitt, Patti E.  
 ; APPLICANT: Greer, Catherine E.  
 ; APPLICANT: ImpraIm, Chaka C.  
 ; APPLICANT: Manos, M. Michele  
 ; APPLICANT: Resnick, Robert M.  
 ; TITLE OF INVENTION: Detection of Human Papillomavirus by the  
 ; TITLE OF INVENTION: Polymerase Chain Reaction  
 ; NUMBER OF SEQUENCES: 298  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Hoffmann-La Roche Inc.  
 ; STREET: 340 Kingsland Street  
 ; CITY: Nutley  
 ; STATE: New Jersey  
 ; COUNTRY: U.S.A.  
 ; ZIP: 07110  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/474,542A  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Petry, Douglas A.  
 ; REGISTRATION NUMBER: 35,321  
 ; REFERENCE/DOCKET NUMBER: 9234  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (510) 814-2974  
 ; TELEFAX: (510) 814-2977  
 ; INFORMATION FOR SEQ ID NO: 11:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-474-542A-11

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAGCTGT 334  
 Db 2 AGGTCTGCAGAAAGCTGT 20

RESULT 46  
 US-08-457-648-11  
 ; Sequence 11, Application US/08457648  
 ; Patent No. 5639871  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bauer, Heidi M.  
 ; APPLICANT: Gravitt, Patti E.  
 ; APPLICANT: Greer, Catherine E.

APPLICANT: Imprim, Chaka C.  
APPLICANT: Manos, M. Michele  
APPLICANT: Resnick, Robert M.  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
NUMBER OF SEQUENCES: 298  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,648  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 9205  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-457-648-11

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGCTGCAGAGAGCTGT 334  
||| ||||| |||||  
Db 2 AGGTCGCAGAAAAGCTGT 20

RESULT 47  
US-08-452-055-6  
Sequence 6, Application US/08452055  
Patent No. 5705627  
GENERAL INFORMATION:  
APPLICANT: Bauer, Heidi M.  
APPLICANT: Greer, Catherine E.  
APPLICANT: Manos, Michele  
APPLICANT: Resnick, Robert M.  
APPLICANT: Ting, Yi  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/452,055  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Sias, Stacey R.  
REGISTRATION NUMBER: 32,630  
REFERENCE/DOCKET NUMBER: 9188  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2863  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-452-055-6

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGCTGCAGAGAGCTGT 334  
||| ||||| |||||  
Db 2 AGGTCGCAGAAAAGCTGT 20

RESULT 48  
US-09-288-461-26  
Sequence 26, Application US/09288461  
Patent No. 6159694  
GENERAL INFORMATION:  
APPLICANT: Karras, James G.  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3  
FILE REFERENCE: ISPH-0338  
TITLE OF INVENTION: Expression  
CURRENT APPLICATION NUMBER: US/09/288,461  
CURRENT FILING DATE: 1999-04-08  
NUMBER OF SEQ ID NOS: 107  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 26  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-288-461-26

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 876 TCCATTGAGGTCCTGCATG 894  
||| ||||| |||||  
Db 2 TCCATTGAGATCTTGCATG 20

RESULT 49  
US-09-280-805-12/c  
Sequence 12, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ

```
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-12

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 465 GAGTCACAGAACTTGCA 483
Db 20 GATCTACAGAACTTGTA 2

RESULT 50
US-08-983-466-6
/ Sequence 6, Application US/08983466
/ Patent No. 6207372
/ GENERAL INFORMATION:
/ APPLICANT: SHUBER, ANTHONY P.
/ TITLE OF INVENTION: UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX
/ TITLE OF INVENTION: DNA AMPLIFICATION
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: RAE-VENTER LAW GROUP
/ STREET: 260 Sheridan Ave., Ste. 440
/ CITY: Palo Alto
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94306
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/983,466
/ FILING DATE: 10-FEB-1998
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/474,450
/ FILING DATE: 07-JUNE-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: W096/41012
/ FILING DATE: 06-JUNE-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Rae-Venter, Barbara
/ REGISTRATION NUMBER: 32,750
```

```
/ REFERENCE/DOCKET NUMBER: GECO.001.01US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650) 328-4400
/ TELEFAX: (650) 328-4477
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "oligonucleotide primer"
/ US-08-983-466-6

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 606 GTGGACGTGGCCATCTCAA 624
Db 2 CGGCGCGGGCCATCTCAA 20

RESULT 51
US-09-313-932-305
/ Sequence 305, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 305
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
/ US-09-313-932-305

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 743 AGCCTTGCTCCTTAAGGAG 761
Db 2 AGCCTTGCCCTTGAAGAG 20

RESULT 52
US-09-048-810-12/c
/ Sequence 12, Application US/09048810
/ Patent No. 6238921
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
/ TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
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; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM 486  
 ; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
 ; SOFTWARE: WORDPERFECT 5.1  
 ; CURRENT APPLICATION DATA: US/09/048,810  
 ; APPLICATION NUMBER: US/09/048,810  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0302  
 ; TELEPHONE: 609-779-2400  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 12:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-09-048-810-12

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 465 GAGCTCCAGGAAGTGGCA 483  
 |||||  
 DB 20 GATCTACAGGAAGTGGTA 2

## RESULT 53

US-09-194-478-5/c  
 ; Sequence 5, Application US/09194478  
 ; Patent No. 6284463  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hasebe, Masahisa  
 ; APPLICANT: Goto, Masanori  
 ; APPLICANT: Tosu, Mariko  
 ; TITLE OF INVENTION: Method for Detection of Mutations  
 ; FILE REFERENCE: PU96-1684  
 ; CURRENT APPLICATION NUMBER: US/09/194,478  
 ; PRIOR FILING DATE: 1999-08-18  
 ; PRIOR APPLICATION NUMBER: PCT/SE97/00839  
 ; PRIOR FILING DATE: 1997-05-22  
 ; PRIOR APPLICATION NUMBER: SWEDEN 9602062-3  
 ; PRIOR FILING DATE: 1996-05-29  
 ; NUMBER OF SEQ ID NOS: 12  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 5  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: synthetic construct  
 ; US-09-194-478-5

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 767 AGAAGTGGAGGAAGTGT 785  
 |||||  
 DB 20 ACAGCTGGAGGAAGAGT 2

## RESULT 54

US-09-488-856A-45  
 ; Sequence 45, Application US/09488856A  
 ; Patent No. 6316259  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Robert McKay

; APPLICANT: Madeline M. Butler  
 ; APPLICANT: Jacqueline Wyatt  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP  
 ; FILE REFERENCE: RTS-0115  
 ; CURRENT APPLICATION NUMBER: US/09/488,856A  
 ; CURRENT FILING DATE: 2000-01-21  
 ; NUMBER OF SEQ ID NOS: 88  
 ; SEQ ID NO 45  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 ; US-09-488-856A-45

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 204 CTGGTTCCAGCCCTCTC 222  
 |||||  
 DB 2 CTGGTTCCAGCATCGC 20

## RESULT 55

US-09-851-896-30  
 ; Sequence 30, Application US/09851896  
 ; Patent No. 6410325  
 ; GENERAL INFORMATION:  
 ; APPLICANT: C. Frank Bennett  
 ; APPLICANT: Susan M. Freier  
 ; APPLICANT: Andrew T. Watt  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT  
 ; TITLE OF INVENTION: EXPRESSION  
 ; FILE REFERENCE: RTS-0220  
 ; CURRENT APPLICATION NUMBER: US/09/851,896  
 ; CURRENT FILING DATE: 2001-05-08  
 ; NUMBER OF SEQ ID NOS: 89  
 ; SEQ ID NO 30  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 ; US-09-851-896-30

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGCAGGCTCTC 422  
 |||||  
 DB 2 CCAGCTCCACCAGGATCTC 20

## RESULT 56

US-09-676-610B-155/c  
 ; Sequence 155, Application US/09676610B  
 ; Patent No. 6444465  
 ; GENERAL INFORMATION:  
 ; APPLICANT: C. Frank Bennett  
 ; APPLICANT: Jacqueline Wyatt  
 ; APPLICANT: Susan M. Freier  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION  
 ; FILE REFERENCE: RTS-0138  
 ; CURRENT APPLICATION NUMBER: US/09/676,610B  
 ; CURRENT FILING DATE: 2000-09-29  
 ; NUMBER OF SEQ ID NOS: 182  
 ; SEQ ID NO 155  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-676-610B-155

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 679 CAGATGGATCTCACACCG 697  
|||||  
Db 20 CAGATGGATGGAACCCCG 2

## RESULT 57

US-08-626-285-14/c  
; Sequence 14, Application US/08626285  
; Patent No. 6458530

## GENERAL INFORMATION:

; APPLICANT: Morris, Macdonald S.  
; APPLICANT: Shoemaker, Daniel D.  
; APPLICANT: Davis, Ronald W.  
; APPLICANT: Mittmann, Michael P.  
; TITLE OF INVENTION: Methods and Compositions for Selecting  
; TITLE OF INVENTION: Tag Nucleic Acids and Probe Arrays  
; NUMBER OF SEQUENCES: 56  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/626,285  
; FILING DATE: 04-APR-1996  
; CLASSIFICATION: 435

## ATTORNEY/AGENT INFORMATION:

; NAME: Garrett-Wackowski, Eugenia  
; REGISTRATION NUMBER: 37,330  
; REFERENCE/DOCKET NUMBER: 16528X-017300US  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-626-285-14

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 507 TTGCCAGTTTGCACTTG 525  
|||||  
Db 20 TTGGACCGTTTGCACTTG 2

## RESULT 58

US-09-844-497-4  
; Sequence 4, Application US/09844497  
; Patent No. 6541251

## GENERAL INFORMATION:

; APPLICANT: Sarveinick, No. 6541251a  
; APPLICANT: Fox, Howard  
; TITLE OF INVENTION: Pancreatic Progenitor 1 Gene and its

; TITLE OF INVENTION: Uses  
; FILE REFERENCE: STEM005  
; CURRENT APPLICATION NUMBER: US/09/844,497  
; CURRENT FILING DATE: 2001-04-26  
; PRIOR APPLICATION NUMBER: 60/199,752  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: fastSEQ for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: mus musculus  
US-09-844-497-4

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCAGAGAGC 372  
|||||  
Db 1 GCCGTCCTTTCAGAGAGC 19

## RESULT 59

US-09-322-624-19  
; Sequence 19, Application US/09322624  
; Patent No. 6548734

## GENERAL INFORMATION:

; APPLICANT: Glimcher, L et al.  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MODULATION OF  
; TITLE OF INVENTION: CARTILAGE GROWTH BY MODULATION OF NFATp ACTIVITY  
; FILE REFERENCE: HUI-035CP  
; CURRENT APPLICATION NUMBER: US/09/322,624  
; CURRENT FILING DATE: 1999-05-28  
; EARLIER APPLICATION NUMBER: USSN 09/087,139  
; EARLIER FILING DATE: 1998-05-28  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 19  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: synthetic construct  
US-09-322-624-19

Query Match 1.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.2e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGAGCTGTGAGC 789  
|||||  
Db 1 CTGGAGAGAGAGCTGTGAGC 19

## RESULT 60

US-09-198-452A-1292/c  
; Sequence 1292, Application US/09198452A  
; Patent No. 6559294

## GENERAL INFORMATION:

; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; TITLE OF INVENTION: and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198,452A  
; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 1292  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-1292

Query Match 1.7%; Score 14.2; DB 1; Length 20;

```
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 642 TCCTGCAACCGAGTCTTC 660
Db 20 TCCTACACCAAGTGGTC 2

RESULT 61
US-09-198-452A-3333/c
; Sequence 3333, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3333
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3333

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 460 AGGAGAGCTCCAGGAAGT 478
Db 20 AGGAGAGCTCTCTAACT 2

RESULT 62
US-08-137-701-6/c
; Sequence 6, Application US/08137701
; Patent No. 5596090
; GENERAL INFORMATION:
; APPLICANT: HOKE, Glenn D
; APPLICANT: BRADLEY, Matthews O
; APPLICANT: WILLIAMS, Taffy J
; APPLICANT: LEE, Che-Hung
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES DIRECTED
; TITLE OF INVENTION: AGAINST HUMAN VCAM-1 RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Naval Medical Res. & Dev. Cmd.
; STREET: 8901 Wisconsin Ave.
; CITY: Bethesda
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20889-5606
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/137,701
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/916,256
; FILING DATE: 24-JUL-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Spevack, A. David
; REGISTRATION NUMBER: 24,743
; REFERENCE/DOCKET NUMBER: N.C. 75,775
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 295-6759
```

```
TELEFAX: (202) 295-1022
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
US-08-137-701-6

Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 GATGCGAAGTGGAGGAG 779
Db 21 GATGAGAGAACTGGAGGAG 3

RESULT 63
US-08-680-326-140/c
; Sequence 140, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; NUMBER OF SEQUENCES: 152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,326
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Schiff, J. Michael
; REGISTRATION NUMBER: 40,253
; REFERENCE/DOCKET NUMBER: 29938-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-680-326-140

Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGCAGGCTCTC 422
Db 19 CGTCTCCAGCAGGCGCTC 1
```

RESULT 64  
US-08-804-439A-89/c  
; Sequence 89, Application US/08804439A  
; Patent No. 6015565  
; GENERAL INFORMATION:  
; APPLICANT: Rose, Timothy M.  
; APPLICANT: Bosch, Marnix L.  
; APPLICANT: Strand, Kurt  
; TITLE OF INVENTION: GLYCOPROTEIN B OF THE RFHV/KSHV  
; TITLE OF INVENTION: SUBFAMILY OF HERPES VIRUSES  
; NUMBER OF SEQUENCES: 113  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 4225 Executive Square, Ste 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/804,439A  
; FILING DATE: February 21, 1997  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Halle, Lisa A.  
; REGISTRATION NUMBER: 38,347  
; REFERENCE/DOCKET NUMBER: 09176/004001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 678-5070  
; TELEFAX: (619) 678-5099  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 89:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-804-439A-89  
Query Match 1.7%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 2.4e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 404 CCTGCTCCAGCAGGCTCTC 422  
Db 19 CGTCTCCAGCAGGCCCTC 1  
RESULT 65  
US-08-720-229-89/c  
; Sequence 89, Application US/08720229  
; Patent No. 6022542  
; GENERAL INFORMATION:  
; APPLICANT: Rose, Timothy M.  
; APPLICANT: Bosch, Marnix L.  
; APPLICANT: Strand, Kurt  
; TITLE OF INVENTION: GLYCOPROTEIN B OF THE RFHV/KSHV  
; TITLE OF INVENTION: SUBFAMILY OF HERPES VIRUSES  
; NUMBER OF SEQUENCES: 100  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Morrison & Foerster  
; STREET: 755 Page Mill Road  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304-1018  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/720,229  
FILING DATE: 26-SEP-1996  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Schiff, J. Michael  
REGISTRATION NUMBER: 40,253  
REFERENCE/DOCKET NUMBER: 29938-20002.00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 89:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-720-229-89  
Query Match 1.7%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 2.4e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 404 CCTGCTCCAGCAGGCTCTC 422  
Db 19 CGTCTCCAGCAGGCCCTC 1  
RESULT 66  
US-09-324-096A-9  
; Sequence 9, Application US/09324096A  
; Patent No. 6323313  
; GENERAL INFORMATION:  
; APPLICANT: Tait, Jonathan  
; APPLICANT: Brown, David  
; TITLE OF INVENTION: ANNEXIN DERIVATIVE WITH ENDOGENOUS CHELATION SITES  
; FILE REFERENCE: UOFW-1-13841  
; CURRENT APPLICATION NUMBER: US/09/324,096A  
; CURRENT FILING DATE: 1999-06-01  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: Patent In version 3.0  
; SEQ ID NO 9  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-324-096A-9  
Query Match 1.7%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 2.4e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 600 TGGCGGTGGACGTGGCCA 618  
Db 3 TGGCAGGTGGCTGTGGCCA 21  
RESULT 67  
US-08-446-926A-4  
; Sequence 4, Application US/08446926A  
; Patent No. 5567586  
; GENERAL INFORMATION:  
; APPLICANT: Croce, Carlo M.  
; TITLE OF INVENTION: METHODS OF IDENTIFYING SOLID TUMORS WITH  
; TITLE OF INVENTION: CHROMOSOME ABNORMALITIES IN THE ALL-1 REGION  
; TITLE OF INVENTION: AND DIAGNOSTIC KITS FOR PERFORMING SAME  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5567586ris  
; STREET: One Liberty Place, 46th floor

```

; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,926A
; FILING DATE: 18-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark DeLuca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1466
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-446-926A-4

Query Match 1.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 677 CACAGATGGATCTG 690
Db 2 CACAGATGGATCTG 15

RESULT 68
US-08-545-860D-86
; Sequence 86, Application US/08545860D
; Patent No. 6040140
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; APPLICANT: Canaan, Eli
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1 Region
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
; ADDRESSEE: No. 6040140ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,860D
; FILING DATE: 07-MAR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04496
; FILING DATE: 22-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/10930
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/327,392

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; FILING DATE: 19-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/320,559
; FILING DATE: 11-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/062,443
; FILING DATE: 14-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/971,094
; FILING DATE: 30-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/888,839
; FILING DATE: 27-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/805,093
; FILING DATE: 11-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca Esq., Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-545-860D-86

Query Match 1.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 677 CACAGATGGATCTG 690
Db 2 CACAGATGGATCTG 15

RESULT 69
US-09-487-368A-53/c
; Sequence 53, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-487-368A-53

Query Match 1.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 698 CTTGAGGTGCCCA 711
Db 17 CTTGAGGTGCCCA 4

RESULT 70

```



US-09-629-644A-53/c  
; Sequence 53, Application US/09629644A  
; Patent No. 6602857  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Susan M. Freier  
; APPLICANT: Brett P. Monia  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Robert McKay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION  
; FILE REFERENCE: ISPH-0478  
; CURRENT APPLICATION NUMBER: US/09/629,644A  
; CURRENT FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: US 09/487,368  
; PRIOR FILING DATE: 2000-01-18  
; NUMBER OF SEQ ID NOS: 242  
; SEQ ID NO 53  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-629-644A-53  
  
Query Match 1.7%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 698 CTTGAGGTGCCCA 711  
Db 17 CTTGAGGTGCCCA 4  
  
RESULT 71  
US-09-954-560-39/c  
; Sequence 39, Application US/09954560  
; Patent No. 6524854  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII ALPHA EXPRESSION  
; FILE REFERENCE: RTS-0132  
; CURRENT APPLICATION NUMBER: US/09/954,560  
; CURRENT FILING DATE: 2001-09-11  
; NUMBER OF SEQ ID NOS: 49  
; SEQ ID NO 39  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-954-560-39  
  
Query Match 1.7%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 300 GGGGGCCTGCATGG 313  
Db 14 GGGGGCCTGCATGG 1  
  
RESULT 72  
PCT-US94-04496-86  
; Sequence 86, Application PC/TUS9404496  
; GENERAL INFORMATION:  
; APPLICANT: Croce, Carlo  
; APPLICANT: Canaani, Eli  
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods  
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias  
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1  
; NUMBER OF SEQUENCES: 86

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &  
; ADDRESSEE: Norris  
; STREET: One Liberty Place, 46th floor  
; CITY: Philadelphia  
; STATE: Pennsylvania  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/04496  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Deluca Esq., Mark  
; REGISTRATION NUMBER: 33,229  
; REFERENCE/DOCKET NUMBER: TUU-1242  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 86:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
PCT-US94-04496-86  
  
Query Match 1.7%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 677 CACAGATGGATCTG 690  
Db 2 CACAGATGGATCTG 15  
  
RESULT 73  
US-09-434-840-20  
; Sequence 20, Application US/09434840  
; Patent No. 6620985  
; GENERAL INFORMATION:  
; APPLICANT: Glazebrook, Jane  
; APPLICANT: Jitige, Dayadevi  
; APPLICANT: Tootle, Tina L  
; APPLICANT: Zhou, Nan  
; APPLICANT: Feys, Bart  
; TITLE OF INVENTION: PAD4 COMPOSITIONS AND METHODS THEREFOR  
; FILE REFERENCE: 043503.0009  
; CURRENT APPLICATION NUMBER: US/09/434,840  
; CURRENT FILING DATE: 1999-11-04  
; EARLIER APPLICATION NUMBER: 09/190,733  
; EARLIER FILING DATE: 1998-11-12  
; NUMBER OF SEQ ID NOS: 85  
; SOFTWARE: PatentIn ver. 2.0  
; SEQ ID NO 20  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer PAD4.5  
US-09-434-840-20  
  
Query Match 1.7%; Score 14; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 707 GCCCATAGCAAAAT 720  
 |||||  
 Db 2 GCCCATAGCAAAAT 15

RESULT 74  
 US-09-021-701-111  
 ; Sequence 111, Application US/09021701  
 ; Patent No. 6251588  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shannon, Karen W.  
 ; APPLICANT: Wolber, Paul K.  
 ; APPLICANT: Delenstarr, Glenda C.  
 ; APPLICANT: Webb, Peter G.  
 ; APPLICANT: Kincaid, Robert H.  
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide  
 ; TITLE OF INVENTION: probe sequences  
 ; NUMBER OF SEQUENCES: 1165  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
 ; STREET: 3000 Hanover Street  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94304  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patentin Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/021,701  
 ; FILING DATE: 10-FEB-1998  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Choi, Wendy A.  
 ; REGISTRATION NUMBER: 16,697  
 ; REFERENCE/DOCKET NUMBER: 10971464-1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 650-236-2386  
 ; TELEFAX: 650-852-8063  
 ; INFORMATION FOR SEQ ID NO: 111:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cDNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO

US-09-021-701-111  
 Query Match 1.7%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 2e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 TGTCGTCTTTGGGGGCT 149  
 |||||  
 Db 1 TGTCGTCTTTGGGGGCT 17

RESULT 75  
 US-08-679-645-147  
 ; Sequence 147, Application US/08679645  
 ; Patent No. 6350934  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Zwick, Michael G.  
 ; APPLICANT: Edington, Brent E.  
 ; APPLICANT: McSwiggen, James A.  
 ; APPLICANT: Merlo, Patricia Ann Owens  
 ; APPLICANT: Guo, Lining  
 ; APPLICANT: Skokut, Thomas A.

; APPLICANT: Young, Scott A.  
 ; APPLICANT: Folkerts, Otto  
 ; APPLICANT: Merlo, Donald J.  
 ; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
 ; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
 ; TITLE OF INVENTION: IN PLANTS  
 ; NUMBER OF SEQUENCES: 1263  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; CITY: Suite 4700  
 ; STATE: Los Angeles  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/679,645  
 ; FILING DATE: July 12, 1996  
 ; CLASSIFICATION: 800  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 60/001,135  
 ; FILING DATE: July 13, 1995  
 ; APPLICATION NUMBER: 08/300,726  
 ; FILING DATE: September 2, 1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 219/247  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 147:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-679-645-147

Query Match 1.7%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 2e+02;  
 Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 776 GAAGAGTGTGAGCGCA 792  
 |||||  
 Db 1 GAAGAGTGTGAGCGCA 17

RESULT 76  
 US-09-866-108A-8379/c  
 ; Sequence 8379, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: FENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8379
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8379

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCTT 421
Db 17 CTGCTCCAGCTGGCT 1

RESULT 77
US-09-866-108A-8381/c
; Sequence 8381, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8382
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8382

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 402 ACCCTGCTCCAGCAGGC 418
Db 17 ACTCTGCTCCAGCTGGC 1

RESULT 78
US-09-866-108A-8382/c
; Sequence 8382, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8382
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8382

Query Match      1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

RESULT 79  
 US-09-866-108A-8383/c  
 ; Sequence 8383, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aeomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8283  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-8383

Query Match 1.7%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 2e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCACGAG 417  
 Db 17 CACTGCTCCAGCTGG 1

RESULT 80  
 US-09-213-767-44/c  
 ; Sequence 44, Application US/09213767  
 ; Patent No. 5948680  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brenda F. Baker  
 ; APPLICANT: Lex M. Cowser  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION  
 ; FILE REFERENCE: RIS-0024  
 ; CURRENT APPLICATION NUMBER: US/09/213,767  
 ; CURRENT FILING DATE: 1998-12-17  
 ; NUMBER OF SEQ ID NOS: 47  
 ; SEQ ID NO 44  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-213-767-44

Query Match 1.7%; Score 13.8; DB 1; Length 18;  
 Best Local Similarity 88.2%; Pred. No. 2.2e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 GTTTGTTTATGAGTC 951  
 Db 18 GTTTGTTTATGATTC 2

RESULT 81  
 US-08-222-177A-208/c  
 ; Sequence 208, Application US/08222177A  
 ; Patent No. 5582979  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Weber, James L.  
 ; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
 ; TITLE OF INVENTION: (dc-da)n.(ag-gt)n SEQUENCES AND METHODS OF USING SAME  
 ; NUMBER OF SEQUENCES: 460  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: DeWitt Ross & Stevens, S.C.  
 ; STREET: 8000 Excelsior Drive, Suite 401  
 ; CITY: Madison  
 ; STATE: Wisconsin  
 ; COUNTRY: USA  
 ; ZIP: 53717-1914  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/222,177A  
 ; FILING DATE:

; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 07/341,562  
 ; FILING DATE: 21-APR-1989  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Sara, Charles S.  
 ; REGISTRATION NUMBER: 30,492  
 ; REFERENCE/DOCKET NUMBER: 09865.601  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (608) 831-2100  
 ; TELEFAX: (608) 831-2106  
 ; TELEX:

; INFORMATION FOR SEQ ID NO: 208:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 19 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: double  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; IMMEDIATE SOURCE:  
 ; CLONE: mfd54p1

US-08-222-177A-208

Query Match 1.7%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 2.4e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 350 CAGCGCAACTGTCAG 366  
 Db 17 CAGCTCAACTGTCAG 1

RESULT 82  
 US-09-102-491-5  
 ; Sequence 5, Application US/09102491  
 ; Patent No. 6238876  
 ; GENERAL INFORMATION:

; APPLICANT: Altaba, Ariel Ruzi
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
; FILE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA
; FILE REFERENCE: 1049-1-008N
; CURRENT APPLICATION NUMBER: US/09/102,491
; EARLIER FILING DATE: 1998-06-22
; EARLIER APPLICATION NUMBER: 60/050,286
; EARLIER FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer\_bind
; LOCATION: 1..19
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-102-491-5

Query Match 1.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 462 GAAGAGCTCCAGAACT 478
Db 1 GAAGATCTCCAGAACT 17

RESULT 83
US-09-422-978-7203
; Sequence 7203, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7203
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer\_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-2903 for SEQ 3269,
US-09-422-978-7203

Query Match 1.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 767 AGAAGTGGAGAAAGCT 783
Db 1 AGAAGTGGAGAAAGCT 17

RESULT 84
US-09-422-978-10360
; Sequence 10360, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10360
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer\_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-11381 for SEQ 2495, in complete
US-09-422-978-10360

Query Match 1.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 616 CCATCTCAACCGGCT 632
Db 1 CCATCTCAACCATCACT 17

RESULT 85
US-08-605-089-27/c
; Sequence 27, Application US/08605089
; Patent No. 5719026
; GENERAL INFORMATION:
; APPLICANT: Takafumi FUKUI
; APPLICANT: Kiyonori KATSURAGI
; APPLICANT: Moritoshi KINOSHITA
; APPLICANT: Sadahito SHIN
; TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
; TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/605,089
; FILING DATE: 06-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JPA-6-154571
; FILING DATE: 06-JUL-1994
; APPLICATION NUMBER: PCT/JP95/01352
; FILING DATE: 06-JUL-1995
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 BASES
; TYPE: NUCLEOTIDE
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
US-08-605-089-27

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 948 AGTCACAGCTGGCAG 964  
 DB 17 AGTCACAGCTGGGTAG 1

RESULT 86  
 US-08-687-865A-18  
 ; Sequence 18, Application US/08687865A  
 ; Patent No. 5955596  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Jones, Kevin F.  
 ; APPLICANT: Zagursky, Robert J.  
 ; APPLICANT: Cui, Peggy  
 ; TITLE OF INVENTION: The NuCA Protein of Haemophilus  
 ; TITLE OF INVENTION: Influenzae and the Gene Encoding That Protein  
 ; NUMBER OF SEQUENCES: 23  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: American Cyanamid Company  
 ; STREET: One Cyanamid Plaza  
 ; CITY: Wayne  
 ; STATE: New Jersey  
 ; COUNTRY: U.S.A.  
 ; ZIP: 07470  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/687,865A  
 ; FILING DATE: 26-JUL-1996  
 ; CLASSIFICATION: 536  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Gordon, Alan M.  
 ; REGISTRATION NUMBER: 30,637  
 ; REFERENCE/DOCKET NUMBER: 33,250-00  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 201-831-3244  
 ; TELEFAX: 201-831-3305  
 ; INFORMATION FOR SEQ ID NO: 18:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-687-865A-18

Query Match 1.7%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 TCACAGATGATGCA 692  
 DB 3 TCACAGCTGATGCA 19

RESULT 87  
 US-08-837-201C-99/c  
 ; Sequence 99, Application US/08837201C  
 ; Patent No. 5985558  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
 ; APPLICANT: Miraglia; Brenda F. Baker  
 ; TITLE OF INVENTION: Antisense Oligonucleotide  
 ; TITLE OF INVENTION: Compositions and Methods for the Modulation of  
 ; TITLE OF INVENTION: Activating Protein 1  
 ; NUMBER OF SEQUENCES: 139  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: East Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton

STATE: NJ  
 COUNTRY: USA  
 ZIP: 08053  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/837,201C  
 FILING DATE: April 14, 1997  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Jane Massey Licata  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0209  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (609) 810-1515  
 TELEFAX: (609) 810-1454  
 INFORMATION FOR SEQ ID NO: 99:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-08-837-201C-99

Query Match 1.7%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 615 GCCATCTCAACGCGC 631  
 DB 18 GCCATCTCCACGCCC 2

RESULT 88  
 US-09-289-267-157  
 ; Sequence 157, Application US/09289267A  
 ; Patent No. 6046320  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Lex M. Cowsett  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MDX EXPRESSION  
 ; FILE REFERENCE: RTS-0049  
 ; CURRENT APPLICATION NUMBER: US/09/289,267A  
 ; CURRENT FILING DATE: 1999-04-04  
 ; NUMBER OF SEQ ID NOS: 166  
 ; SEQ ID NO 157  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 ; US-09-289-267-157

Query Match 1.7%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 CTCGAGGACTGACTGAA 811  
 DB 2 CTCGAGGACTGCTGAA 18

RESULT 89  
 US-09-435-296-49/c  
 ; Sequence 49, Application US/09435296  
 ; Patent No. 6171860

```

; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
; FILE REFERENCE: RTS-0116
; CURRENT APPLICATION NUMBER: US/09/435,296
; CURRENT FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-49

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 796 TGCAGAGCTGACTGAAC 812
Db 18 TGCAGAGCTGATTGGAC 2

RESULT 90
US-09-290-640-68/c
; Sequence 68, Application US/09290640
; Patent No. 6204055
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPR-0351
; CURRENT APPLICATION NUMBER: US/09/290,640
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-290-640-68

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 320 CTGCAGAGAGCTGTGG 336
Db 17 CTGCAGACATGCTGTGG 1

RESULT 91
US-09-043-711-18
; Sequence 18, Application US/09043711
; Patent No. 6221365
; GENERAL INFORMATION:
; APPLICANT: Jones, Kevin F.
; APPLICANT: Zagursky, Robert J.
; APPLICANT: Cooi, Peggy
; TITLE OF INVENTION: The NuCA Protein of Haemophilus
; TITLE OF INVENTION: Influenzae and the Gene Encoding That Protein
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07470

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/043,711
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: US 08/687,865
; APPLICATION NUMBER:
; FILING DATE: 26-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Gordon, Alan M.
; REGISTRATION NUMBER: 30,637
; REFERENCE/DOCKET NUMBER: 33,250-00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-831-3244
; TELEFAX: 201-831-3305
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-043-711-18

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 TCACAGATGATCTGCA 692
Db 3 TCACAGCTGCATCTGCA 19

RESULT 92
US-09-487-445-127
; Sequence 127, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-127

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCTCT 421
Db 2 CTTCGCCAGCAGGCTCT 18

RESULT 93
US-08-473-319-16
; Sequence 16, Application US/08473319
; Patent No. 6303294
; GENERAL INFORMATION:
; APPLICANT: Emanuel, Beverly S.
; APPLICANT: Budarf, Marcia L.

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; APPLICANT: Driscoll, Deborah
; TITLE OF INVENTION: METHODS OF DETECTING GENETIC DELETIONS
; TITLE OF INVENTION: AND MUTATIONS ASSOCIATED WITH DIGORGE SYNDROME,
; TITLE OF INVENTION: VELOCARDIOFACIAL SYNDROME, CHARGE ASSOCIATION, CONOTRUNCAL
; TITLE OF INVENTION: CARDIAC DEFECT, AND CLEFT PALATE AND PROBES USEFUL
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WOODCOCK, WASHBURN, KURTZ, MACKIEWICZ &
; STREET: One Liberty Place, 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,319
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/770,758
; FILING DATE: 04-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/911,534
; FILING DATE: 10-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/156,672
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Yanko Trujillo, Doreen
; REGISTRATION NUMBER: 35,719
; REFERENCE/DOCKET NUMBER: CH-0610
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-564-8352
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-473-319-16

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 863 TGATGAGCCCAACTCCA 879
DB 4 TAATGAGCCCACTCCA 20

RESULT 94
US-09-593-589-83/c
; Sequence 83, Application US/09593589
; Patent No. 6306655
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION
; FILE REFERENCE: R15-0119
; CURRENT APPLICATION NUMBER: US/09/593,589
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA

```

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-593-589-83

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 233 GCGCGTGGCTCAGCTCT 249
DB 17 GCGTGGTGGTCTCT 1

RESULT 95
US-09-364-416-99/c
; Sequence 99, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-364-416-99

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 615 GCCATCTCCACGCGC 631
DB 18 GCCATCTCCACGCGC 2

RESULT 96
US-09-305-984-69/c
; Sequence 69, Application US/09305984B
; Patent No. 6331407

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;
;
; GENERAL INFORMATION:
; APPLICANT: NO. 6331407ak, Rodger
; APPLICANT: Toumanen, Elaine
; TITLE OF INVENTION: NOVEL ANTIBIOTICS AND METHODS OF USING THE SAME
; FILE REFERENCE: 1340-1-016N1
; CURRENT APPLICATION NUMBER: US/09/305,984B
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: 60/084,399
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 09/305,984
; EARLIER FILING DATE: 1999-05-05
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-305-984-69

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 454 CCTTCAGGACGAGCTC 470
DB 17 CCATCAGCAGAGCTC 1

RESULT 97
US-09-488-074-13
; Sequence 13, Application US/09488074
; Patent No. 6339071
; GENERAL INFORMATION:
; APPLICANT: LEVESQUE, Luc
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATING
; FILE REFERENCE: CYCLIN E GENE EXPRESSION AND THERAPEUTIC USES THEREOF
; FILE REFERENCE: 12168-3US
; CURRENT APPLICATION NUMBER: US/09/488,074
; CURRENT FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: US 60/140,446
; EARLIER FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-488-074-13

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 GGATCTGCACACGCTT 700
DB 4 GGCCTTGCACAGCTT 20

RESULT 98
US-09-026-033-14
; Sequence 14, Application US/09026033
; Patent No. 6368791
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rapoport, Eric
; TITLE OF INVENTION: METHOD AND KITS FOR ANALYSIS OF
; TITLE OF INVENTION: CHROMOSOMAL REARRANGEMENTS ASSOCIATED WITH LEUKEMIA
; NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: One Commerce Square, 2005 Market Street, 22nd
STREET: Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/026,033
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/038,624
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/056,923
FILING DATE: 26-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/065,911
FILING DATE: 17-NOV-1997
ATTORNEY/AGENT INFORMATION:
NAME: Doyle Leary, Ph.D., Kathryn
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 7600-10U1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
TELEFAX: 215-567-2991
TELEX: 831-494
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-026-033-14

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 836 TGGTACCAGACACAGC 852
DB 2 TGGTACCAGACACAGGC 18

RESULT 99
US-09-702-251-60
; Sequence 60, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0199
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-702-251-60

Query Match      1.7%; Score 13.8; DB 1; Length 20;
```

```
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 400 ACACCTGTCCAGCAG 416
Db 3 ACACCTGTCCAGCAG 19

RESULT 100
US-09-851-062-63
; Sequence 63, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 63
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-63

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 835 CTCGTACCAACACACTG 851
Db 4 CTCGTATCAACACTG 20

RESULT 101
US-09-733-294A-105
; Sequence 105, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Mancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 105
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-105

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 515 TTGTGGATTGGAGTC 531
Db 1 TTGTGGATTGGAGTC 17

RESULT 102
US-09-780-172-87/c
; Sequence 87, Application US/09780172
; Patent No. 6607916
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0159
; CURRENT APPLICATION NUMBER: US/09/780,172
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 87
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-172-87

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 497 AATTGGAGATTGGCCA 513
Db 20 AATTGGAGATTGGCCA 4

RESULT 103
US-10-054-225-9/c
; Sequence 9, Application US/10054225
; Patent No. 6623931
; GENERAL INFORMATION:
; APPLICANT: Saint Jude Children's Research Hospital
; APPLICANT: Tuomanen, Elaine
; APPLICANT: Atkinson, Robyn M
; TITLE OF INVENTION: Diagnostic Assay for Antibiotic Tolerance
; FILE REFERENCE: SJ-01-0022
; CURRENT APPLICATION NUMBER: US/10/054,225
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 9
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Streptococcus pneumoniae
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: (1)..(20)
; OTHER INFORMATION: forward PCR primer sequence about 90 bp upstream of Pep27 SNP
US-10-054-225-9

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 454 CCTCCAGGAGAGCTC 470
Db 17 CCTCCAGGAGAGCTC 1

RESULT 104
US-09-493-940-69/c
; Sequence 69, Application US/09493940
; Patent No. 6630583
; GENERAL INFORMATION:
; APPLICANT: No. 6630583ak, Rodger
; APPLICANT: Toumanen, Elaine
; TITLE OF INVENTION: NOVEL ANTIBIOTICS AND METHODS OF USING THE SAME
; FILE REFERENCE: 1340-1-016N1
; CURRENT APPLICATION NUMBER: US/09/493,940
; CURRENT FILING DATE: 2000-01-28
; EARLIER APPLICATION NUMBER: 60/084,399
; EARLIER FILING DATE: 1998-05-06
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; EARLIER APPLICATION NUMBER: 09/305,984  
 ; EARLIER FILING DATE: 1999-05-05  
 ; NUMBER OF SEQ ID NOS: 76  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 69  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer  
 US-09-493-940-69

Query Match 1.7%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 454 CTTCCAGGAGGCTC 470  
 Db 17 CCATCCAGGAGGCTC 1

## RESULT 105

US-09-665-615B-68/c  
 ; Sequence 68, Application US/09665615B  
 ; Patent No. 6653133  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dean, Nicholas M.  
 ; APPLICANT: Marcussen, Eric G.  
 ; APPLICANT: Wyatt, Jacqueline  
 ; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling  
 ; FILE REFERENCE: ISPH-0502  
 ; CURRENT APPLICATION NUMBER: US/09/665,615B  
 ; CURRENT FILING DATE: 2000-09-18  
 ; PRIOR APPLICATION NUMBER: US 09/290,640  
 ; PRIOR FILING DATE: 1999-04-12  
 ; NUMBER OF SEQ ID NOS: 179  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 68  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Sequence  
 US-09-665-615B-68

Query Match 1.7%; Score 13.8; DB 1; Length 20;  
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 320 CTGCAGAGAGCTGTGG 336  
 Db 17 CTGCAGACATGCTGTGG 1

## RESULT 106

US-07-977-284A-140  
 ; Sequence 140, Application US/07977284A  
 ; Patent No. 5558988  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Prockop, Darwin J.  
 ; APPLICANT: Ala-Kokko, Leena  
 ; APPLICANT: Williams, Charlene J.  
 ; APPLICANT: Ritvanemi, Pertti  
 ; APPLICANT: Baldwin, Clinton  
 ; APPLICANT: Hopkinson, Ian  
 ; APPLICANT: Ahmad, Nilofer Nina  
 ; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC  
 ; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS  
 ; NUMBER OF SEQUENCES: 261  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris  
 ; STREET: One Liberty Place, 46th floor  
 ; CITY: Philadelphia

; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Wordperfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/07/977,284A  
 ; FILING DATE: 13-NOV-1992  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER:  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Deluca, Mark  
 ; REGISTRATION NUMBER: 33,229  
 ; REFERENCE/DOCKET NUMBER: TJU-0697  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (215) 568-3100  
 ; TELEFAX: (215) 568-3439  
 ; INFORMATION FOR SEQ ID NO: 140:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 21  
 ; TYPE: NUCLEIC ACID  
 ; STRANDEDNESS: SINGLE  
 ; TOPOLOGY: LINEAR  
 ; ANTI-SENSE: YES  
 US-07-977-284A-140

Query Match 1.7%; Score 13.8; DB 1; Length 21;  
 Best Local Similarity 88.2%; Pred. No. 2.9e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769  
 Db 1 CTTCAGGAGGAGGAGA 17

## RESULT 107

US-07-977-284A-143/c  
 ; Sequence 143, Application US/07977284A  
 ; Patent No. 5558988  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Prockop, Darwin J.  
 ; APPLICANT: Ala-Kokko, Leena  
 ; APPLICANT: Williams, Charlene J.  
 ; APPLICANT: Ritvanemi, Pertti  
 ; APPLICANT: Baldwin, Clinton  
 ; APPLICANT: Hopkinson, Ian  
 ; APPLICANT: Ahmad, Nilofer Nina  
 ; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC  
 ; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS  
 ; NUMBER OF SEQUENCES: 261  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris  
 ; STREET: One Liberty Place, 46th floor  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Wordperfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/07/977,284A  
 ; FILING DATE: 13-NOV-1992  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER:

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; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; US-07-977-284A-143

Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 753 CTTAAGGAGGAGGCAGA 769
Db 21 CTTAAGGAGGAGGCAGA 5

RESULT 108
US-08-477-877B-80/c
; Sequence 80, Application US/08477877B
; Patent No. 5730979
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latime, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activat
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,877B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-146
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; NAME/KEY: PCR primer
; US-08-472-281A-80

Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 242 TCAGCTCTTGAAGGACT 258
Db 20 TCAGGTCATGAAGGACT 4

RESULT 109
US-08-472-281A-80/c
; Sequence 80, Application US/08472281A
; Patent No. 5817311
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latime, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activat
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,281A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-142
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; NAME/KEY: PCR primer
; US-08-472-281A-80

Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 242 TCAGCTCTTGAAGGACT 258
Db 20 TCAGGTCATGAAGGACT 4
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RESULT 110
US-08-468-819-31
; Sequence 31, Application US/08468819
; Patent No. 5871723
; GENERAL INFORMATION:
; APPLICANT: Strieter, Robert M.
; APPLICANT: Polverini, Peter J.
; APPLICANT: Kunkel, Steven L.
; TITLE OF INVENTION: CXc Chemokines as Regulators of
; TITLE OF INVENTION: Angiogenesis
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,819
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 31:
; Sequence Characteristics:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-08-468-819-31
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 920 CAGCGGGACTTTCAGGT 936
Db 1 CAGCGGGGCTTCAGGT 17

RESULT 111
US-08-468-819-49
; Sequence 49, Application US/08468819
; Patent No. 5871723
; GENERAL INFORMATION:
; APPLICANT: Strieter, Robert M.
; APPLICANT: Polverini, Peter J.
; APPLICANT: Kunkel, Steven L.
; TITLE OF INVENTION: CXc Chemokines as Regulators of
; TITLE OF INVENTION: Angiogenesis
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,819
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 31:
; Sequence Characteristics:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-08-468-819-31
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 920 CAGCGGGACTTTCAGGT 936
Db 1 CAGCGGGGCTTCAGGT 17

RESULT 112
US-08-680-326-143
; Sequence 143, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; NUMBER OF SEQUENCES: 152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,326
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Schiff, J. Michael
; REGISTRATION NUMBER: 40,253
; REFERENCE/DOCKET NUMBER: 29938-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 143:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,819
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 49:
; Sequence Characteristics:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-08-468-819-49
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 920 CAGCGGGACTTTCAGGT 936
Db 1 CAGCGGGGCTTCAGGT 17

RESULT 112
US-08-680-326-143
; Sequence 143, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; NUMBER OF SEQUENCES: 152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,326
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Schiff, J. Michael
; REGISTRATION NUMBER: 40,253
; REFERENCE/DOCKET NUMBER: 29938-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 143:

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SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-680-326-143

Query Match 1.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 2.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 259 TAGACAGGAGGACCTTC 275  
Db 5 TAGACAGGAGGAGCTTC 21

RESULT 113  
US-08-256-426B-140  
; Sequence 140, Application US/08256426B  
; Patent No. 5948611  
; GENERAL INFORMATION:  
; APPLICANT: Prockop, Darwin J.  
; APPLICANT: Ala-Korkko, Leena  
; APPLICANT: Williams, Charlene J.  
; APPLICANT: Ritvaniemi, Pertti  
; APPLICANT: Baldwin, Clinton  
; APPLICANT: Hopkinson, Ian  
; APPLICANT: Ahmad, Nilofar Nina  
; TITLE OF INVENTION: Methods of Detecting A Genetic  
; NUMBER OF SEQUENCES: 293  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611iris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows 3.1  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/256,426B  
; FILING DATE: 03-FEB-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/10964  
; FILING DATE: 12-NOV-1993  
; APPLICATION NUMBER: US/07/977,284  
; FILING DATE: 13-NOV-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mark DeLuca  
; REGISTRATION NUMBER: 33,229  
; REFERENCE/DOCKET NUMBER: TJU-1082  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 140:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: SINGLE  
; TOPOLOGY: LINEAR  
; ANTI-SENSE: YES  
US-08-256-426B-140

Query Match 1.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 2.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CTTAAGGAGGATGGCAGA 769

Db 1 CTTACAGGAGGCGAGA 17

RESULT 114  
US-08-256-426B-143/c  
; Sequence 143, Application US/08256426B  
; Patent No. 5948611  
; GENERAL INFORMATION:  
; APPLICANT: Prockop, Darwin J.  
; APPLICANT: Ala-Korkko, Leena  
; APPLICANT: Williams, Charlene J.  
; APPLICANT: Ritvaniemi, Pertti  
; APPLICANT: Baldwin, Clinton  
; APPLICANT: Hopkinson, Ian  
; APPLICANT: Ahmad, Nilofar Nina  
; TITLE OF INVENTION: Methods of Detecting A Genetic  
; NUMBER OF SEQUENCES: 293  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611iris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows 3.1  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/256,426B  
; FILING DATE: 03-FEB-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/10964  
; FILING DATE: 12-NOV-1993  
; APPLICATION NUMBER: US/07/977,284  
; FILING DATE: 13-NOV-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mark DeLuca  
; REGISTRATION NUMBER: 33,229  
; REFERENCE/DOCKET NUMBER: TJU-1082  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 143:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: SINGLE  
; TOPOLOGY: LINEAR  
; ANTI-SENSE: NO  
US-08-256-426B-143

Query Match 1.7%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 2.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CTTAAGGAGGATGGCAGA 769  
Db 21 CTTACAGGAGGCGAGA 5

RESULT 115  
US-08-477-989B-80/c  
; Sequence 80, Application US/08477989B  
; Patent No. 5951983  
; GENERAL INFORMATION:  
; APPLICANT: Bazin, Herv  
; APPLICANT: Latinne, Dominique  
; APPLICANT: Kaplan, Ruth



```
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 49:
US-09-213-383-49
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 920 CAGCGGACTTCAGGT 936
Db 1 CAGCGGGGCTTCAGGT 17
RESULT 118
US-09-422-978-7911
; Sequence 7911, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7911
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-12585 for SEQ 46, in complemen
US-09-422-978-7911
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 472 AGGAAGCTTGGCTTCAT 488
Db 1 AGGAAGCTTGGCTTCAT 17
RESULT 119
US-09-422-978-8184/c
; Sequence 8184, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
```

```
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8184
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-14203 for SEQ 319, in complemen
US-09-422-978-8184
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 194 GGTCAAGTTCTCGGTT 210
Db 18 GGTCAAGTTCTCGGTT 2
RESULT 120
US-07-994-133-17
; Sequence 17, Application US/07994133
; Patent No. 5436392
; GENERAL INFORMATION:
; APPLICANT: Thomas, John C.
; APPLICANT: Bohnert, Hans J.
; APPLICANT: Kanost, Michael R.
; TITLE OF INVENTION: TRANSGENIC PLANTS EXPRESSING M. SEXTA
; TITLE OF INVENTION: PROTEASE INHIBITOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee and Winner
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: CO
; COUNTRY: USA
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/994,133
; FILING DATE: 19921221
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenlee, Lorance L.
; REGISTRATION NUMBER: 27,894
; REFERENCE/DOCKET NUMBER: 48-92
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303/499-8080
; TELEFAX: 303/499-8089
; TELEX: 823189
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
```



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; MOLECULE TYPE: DNA (genomic)
US-07-994-133-17
Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 236 CGTGGCTCAGCTCTGAAG 255
DB 1 CGCTCCTCAGCTCTGAAG 20

RESULT 121
US-08-250-856A-31
; Sequence 1, Application US/08250856A
; Patent No. 5563255
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/250,856A
; FILING DATE: May 31, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0094
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-250-856A-31

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 AAAGTTGTTGAACCTGTAG 297
DB 1 AATGCTGGTGAACCTGTAG 20

RESULT 122
US-08-162-406-1/c
; Sequence 1, Application US/08162406
; Patent No. 5641484
; GENERAL INFORMATION:
; APPLICANT: Mien-Chie Hung
; APPLICANT: Di-Hua Yu
; APPLICANT: Angabin Matin
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE SUPPRESSION OF NEU MEDIATED TRANSFORMATION
; TITLE OF INVENTION: SUPPRESSION OF NEU MEDIATED TRANSFORMATION
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,359
; FILING DATE: 15-JUL-1994
; CLASSIFICATION: 514
```

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; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: UTSC:416/WIM
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-276-359-1
; Query Match 1.6%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 447 CCAGATGCCCTCCAGGAGA 466
Db 20 CCACTGCATCCAGCAGA 1

RESULT 124
US-08-350-325A-8
; Sequence 8, Application US/08350325A
; Patent No. 5747329
; GENERAL INFORMATION:
; APPLICANT: Alton Meister, Chin-Shiou Huang, and Mary
; APPLICANT: E. Anderson
; TITLE OF INVENTION: Glutamylcysteine Synthetase Light
; TITLE OF INVENTION: Subunit
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Yahwak & Associates
; STREET: 25 Skytop Drive
; CITY: Trumbull
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06611
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Microsoft Word 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/350,325A
; FILING DATE: December 5th 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Yahwak, George M.
; REGISTRATION NUMBER: 26,824
; REFERENCE/DOCKET NUMBER: CRF D 1403
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203 268 1951
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-350-325A-8
; Query Match 1.6%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 456 TTCCAGGAGAGCTCCAGGA 475
Db 20 TTCCAGGAGAGCTCTTCAAGA 20

RESULT 125
US-08-244-116B-36
; Sequence 36, Application US/08244116B
; Patent No. 5763159
; GENERAL INFORMATION:
; APPLICANT: Simmonds, Peter
; APPLICANT: Chan, Shiu-wan
; APPLICANT: Yap, Peng L.
; TITLE OF INVENTION: Hepatitis-C Virus Testing
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
; STREET: 1211 East Morehead Street
; CITY: Charlotte
; STATE: No. 5763159th Carolina
; COUNTRY: United States
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0. Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,116B
; FILING DATE: 15-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/02143
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 1749-125
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 704-377-1561
; TELEFAX: 704-334-2014
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Hepatitis-C virus
US-08-244-116B-36
; Query Match 1.6%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 208 GTTCCAGCCCTCTCCAGAA 227
Db 1 GGTCCACCCCTCTCTGTGA 20

RESULT 126
US-08-457-029-1/c
; Sequence 1, Application US/08457029
; Patent No. 5814315
; GENERAL INFORMATION:
; APPLICANT: Mien-Chie Hung
; APPLICANT: Di-Hua Yu
; APPLICANT: Angabin Matin
; TITLE OF INVENTION: METHODS AND COMPOSITIONS

```

;; TITLE OF INVENTION: FOR THE SUPPRESSION OF NEU  
;; TITLE OF INVENTION: MEDICATED TRANSFORMATION  
;; NUMBER OF SEQUENCES: 1  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Arnold, White & Durkee  
;; STREET: P.O. Box 4433  
;; CITY: Houston  
;; STATE: Texas  
;; COUNTRY: USA  
;; ZIP: 77210  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy Disk  
;; COMPUTER: IBM PC Compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: WordPerfect 5.1  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/457,029  
;; FILING DATE: 01-JUN-1995  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/162,406  
;; FILING DATE: December 3, 1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Mark B. Wilson  
;; REGISTRATION NUMBER: 37,259  
;; REFERENCE/DOCKET NUMBER: UTSC:364  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (512) 320-7200  
;; TELEFAX: (512) 474-7577  
;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: oligonucleotide  
;; US-08-457-029-1

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 447 CCAGATGCTTCAGAGA 466  
Db 20 CCAACTGCATTCAGAGA 1

RESULT 127  
US-08-117-952-307/c  
; Sequence 307, Application US/08117952  
; Patent No. 5851760  
; GENERAL INFORMATION:  
; APPLICANT: Evans, Glen A.  
; APPLICANT: Smith, Michael W.  
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
; NUMBER OF SEQUENCES: 797  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark  
; STREET: 444 South Flower Street, Suite 2000  
; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/117,952  
; FILING DATE: 07-SEP-1993  
; CLASSIFICATION: 435

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/078,471  
;; FILING DATE: 15-JUN-1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Reiter, Stephen E.  
;; REGISTRATION NUMBER: 31,192  
;; REFERENCE/DOCKET NUMBER: P41 9423  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 619-546-4737  
;; TELEFAX: 619-546-9392  
;; INFORMATION FOR SEQ ID NO: 307:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: Oligonucleotide  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; US-08-117-952-307

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 421 TCCGCTGCCCTGCTAGT 440  
Db 20 TCTGCTGCCGCTAGT 1

RESULT 128  
US-08-651-692-41  
; Sequence 41, Application US/08651692  
; Patent No. 5856099  
; GENERAL INFORMATION:  
; APPLICANT: Loren Miraglia, Thomas Geiger,  
; APPLICANT: Clarence Frank Bennett and Nicholas M. Dean  
; TITLE OF INVENTION: Compositions and Methods for  
; TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/651,692  
; FILING DATE: Herewith  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0144  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 41:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear

```
; ANTI-SENSE: NO
US-08-651-692-41

Query Match
Best Local Similarity 1.6%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 204 CTGGGTCCAGCCCTCC 223
Db 1 CTGGGATCCCATCACCTCC 20

RESULT 129
US-08-756-806A-31
; Sequence 31, Application US/08756806A
; Patent No. 5952229
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,806A
; FILING DATE: No. 5952229 September 25, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-756-806A-31

Query Match
Best Local Similarity 1.6%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 AAGTTCTTCAAACTCTAG 297
Db 1 AATCTGTGGAAGTCTGAG 20

RESULT 130
US-09-048-804-2
; Sequence 2, Application US/09048804
; Patent No. 5968748
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett, Allan Lipton, Lois M. Witters
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5968748ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 Mb diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,804
; FILING DATE: Herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2913
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-804-2

Query Match
Best Local Similarity 1.6%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 407 GCTCCAGCAGGCTCTCCGC 426
Db 1 GGTCCAGCAGGCTCTCCGC 20

RESULT 131
US-09-289-368-82/c
; Sequence 82, Application US/09289368
; Patent No. 5998148
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSIO
; FILE REFERENCE: RTS-0051
; CURRENT APPLICATION NUMBER: US/09/289,368
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-82

Query Match
Best Local Similarity 1.6%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 384 CTGTGGGGGCGCACACAC 403
Db 20 CTTGAGCGCGCACACAC 1
```

RESULT 132  
US-09-143-214-31  
; Sequence 31, Application US/09143214  
; Patent No. 6090626  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P. and Boggs, Russell T.  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
; TITLE OF INVENTION: of raf Gene Expression  
; NUMBER OF SEQUENCES: 65  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/143, 214  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/756,806  
; FILING DATE: NO. 6090626member 26, 1996  
; APPLICATION NUMBER: PCT/US95/07111  
; FILING DATE: May 31, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/250,856  
; FILING DATE: May 31, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0200  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 31:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-143-214-31  
Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 AAAGTTGTTGAAACTGTAG 297  
Db 1 AATGCTGGTGAACCTGTAG 20

RESULT 133  
US-09-000-136-17  
; Sequence 17, Application US/09000136  
; Patent No. 6096720  
; GENERAL INFORMATION:  
; APPLICANT: Love, William G  
; APPLICANT: Sharman, Thomas  
; APPLICANT: Phillips, Judith A  
; APPLICANT: Nicklin, Paul L  
; APPLICANT: Hamilton, Karen O  
; TITLE OF INVENTION: Liposomal Oligonucleotide Compositions  
; FILE REFERENCE: 4-20536/A/WA 2112  
; CURRENT APPLICATION NUMBER: US/09/000,136  
; CURRENT FILING DATE: 1998-04-23

; EARLIER APPLICATION NUMBER: GB 9515743.4  
; EARLIER FILING DATE: 1995-08-01  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 17  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide  
US-09-000-136-17  
Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 AAAGTTGTTGAAACTGTAG 297  
Db 1 AATGCTGGTGAACCTGTAG 20

RESULT 134  
US-09-286-904-29/c  
; Sequence 29, Application US/09286904A  
; Patent No. 6140124  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P.  
; APPLICANT: Gaarde, William A.  
; APPLICANT: Nero, Pamela S.  
; APPLICANT: McKay, Robert  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen  
; TITLE OF INVENTION: Activated Protein Kinase Expression  
; FILE REFERENCE: ISPH-0347  
; CURRENT APPLICATION NUMBER: US/09/286,904A  
; CURRENT FILING DATE: 1999-04-06  
; NUMBER OF SEQ ID NOS: 95  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 29  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-09-286-904-29

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 658 TTCTCATGCAGCTGAGCTC 677  
Db 20 TGCTCAGCACCTGAGCAC 1

RESULT 135  
US-09-220-081-33  
; Sequence 33, Application US/09220081  
; Patent No. 6171833  
; GENERAL INFORMATION:  
; APPLICANT: Sinskey, Anthony J.  
; APPLICANT: Lessard, Philip A.  
; APPLICANT: Willis, Laura B.  
; APPLICANT: Stephanopoulos, Gregory  
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum  
; FILE REFERENCE: 1533.0790000  
; CURRENT APPLICATION NUMBER: US/09/220,081  
; CURRENT FILING DATE: 1998-12-23  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 33  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer  
US-09-220-081-33

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 4;

QY 749 GGTCCTTAAGGAGATGGCAG 768  
||| ||||| ||||| |||||  
DB 1 GGCCATTAAAGGATATGGCTG 20

RESULT 136  
US-09-488-671-22/c  
; Sequence 22, Application US/09488671A  
; Patent No. 6187545  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPC-CYTOSOLIC EXPRESSION  
; FILE REFERENCE: RTS-0123  
; CURRENT APPLICATION NUMBER: US/09/488,671A  
; CURRENT FILING DATE: 2000-01-21  
; NUMBER OF SEQ ID NOS: 177  
; SEQ ID NO 22  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-488-671-22

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 4;

QY 213 CAGCCCTCTCCAGACTGAC 232  
||| ||||| ||||| |||||  
DB 20 CAGCACTCTGCAGAAATGCC 1

RESULT 137  
US-08-575-967A-11/c  
; Sequence 11, Application US/08575967A  
; Patent No. 6265184  
; GENERAL INFORMATION:  
; APPLICANT: Gray et al.  
; TITLE OF INVENTION: Chemokine Receptor Materials and Methods  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 S. Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/575,967A  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. 6265184 and, Greta E.  
; REGISTRATION NUMBER: 35,302  
; REFERENCE/DOCKET NUMBER: 32918  
; TELECOMMUNICATION INFORMATION:

TELEPHONE: 206-485-1900  
TELEFAX: 206-485-1662  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: misc feature  
; OTHER INFORMATION: /= "88-2B-f1"  
US-08-575-967A-11

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 4;

QY 459 CAGGAGAGCTCCAGGAAC 478  
||| ||||| ||||| |||||  
DB 20 CAGGAGAGCTGCTAGCACT 1

RESULT 138  
US-09-489-869-60/c  
; Sequence 60, Application US/09489869A  
; Patent No. 6268151  
; GENERAL INFORMATION:  
; APPLICANT: Susan Murray  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR  
; FILE REFERENCE: RTS-0110  
; CURRENT APPLICATION NUMBER: US/09/489,869A  
; CURRENT FILING DATE: 2000-01-20  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 60  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-489-869-60

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 4;

QY 559 AACAGCAGGATCTCGCTG 578  
||| ||||| ||||| |||||  
DB 20 AGCGCAGGAGCCACGCTG 1

RESULT 139  
US-09-488-856A-59/c  
; Sequence 59, Application US/09488856A  
; Patent No. 6318259  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Robert McKay  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP  
; FILE REFERENCE: RTS-0115  
; CURRENT APPLICATION NUMBER: US/09/488,856A  
; CURRENT FILING DATE: 2000-01-21  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 59  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

```
US-09-488-856A-59
Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 204 CTGGTTCACGCTCTCC 223
DB 20 CCGGATCGAGCCTCTC 1

RESULT 140
US-09-488-856A-83
; Sequence 83, Application US/09488856A
; Patent No. 6316259
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCERIN SYNTHASE KINASE 3 ALPHA EXPR
; FILE REFERENCE: RTS-0115
; CURRENT APPLICATION NUMBER: US/09/488,856A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-83

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 631 CTCAGTCCGCTCCCTGCAA 650
DB 1 CTCAGTCCCTCTCTGCTA 20

RESULT 141
US-09-702-246-33/c
; Sequence 33, Application US/09702246
; Patent No. 6383803
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-1 EXPRESSION
; FILE REFERENCE: RTS-0195
; CURRENT APPLICATION NUMBER: US/09/702,246
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-33

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 558 CAACAGCAGGATCTCTGCT 577
DB 20 CATCAGCAGGACCTTTCT 1

RESULT 142
US-09-167-109-52
; Sequence 52, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-52

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTCTCGGCTGC 429
DB 1 CCGCAGGCTCTCCACCTCC 20

RESULT 143
US-09-677-575-33
; Sequence 33, Application US/09677575
; Patent No. 6403351
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; APPLICANT: Stephanopoulos, Gregory
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.079000
; CURRENT APPLICATION NUMBER: US/09/677,575
; CURRENT FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 09/220,081
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-677-575-33

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 749 GGTCTTAAGGATGGCAG 768
DB 1 GGCCATTAAAGGATGGCTG 20

RESULT 144
US-09-506-073-33
; Sequence 33, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
```





Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 658 TTCTCATGCAGCTGAAGCTC 677  
DB 20 TGCTCAAGCACCTGAAGCAC 1

RESULT 149  
US-09-920-672-61/c  
; Sequence 61, Application US/09920672  
; Patent No. 6455308  
; GENERAL INFORMATION:  
; APPLICANT: Mark J. Graham  
; APPLICANT: Susan M. Preier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION  
; FILE REFERENCE: RTS-0251  
; CURRENT APPLICATION NUMBER: US/09/920,672  
; CURRENT FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 61  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-672-61

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 217 CCTCTCCAGAGCTGACGGCC 236  
DB 20 CCGCTTCAGACTGACGGCC 1

RESULT 150  
US-09-527-030G-25/c  
; Sequence 25, Application US/09527030G  
; Patent No. 6482588  
; GENERAL INFORMATION:  
; APPLICANT: VAN DOORN, Leen-Jan et al.  
; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and  
; TITLE OF INVENTION: specific reverse hybridization.  
; FILE REFERENCE: 3501-0101P  
; CURRENT APPLICATION NUMBER: US/09/527,030G  
; CURRENT FILING DATE: 2000-03-16  
; NUMBER OF SEQ ID NOS: 497  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 25  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)  
US-09-527-030G-25

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 856 CCACTGGTGTGATGAGCCCAAC 875  
DB 20 CCACAGTTGATTACCCCAAC 1

RESULT 151  
US-09-657-346A-39  
; Sequence 39, Application US/09657346A  
; Patent No. 6503754  
; GENERAL INFORMATION:

APPLICANT: Hong Zhang  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST  
TITLE OF INVENTION: EXPRESSION  
FILE REFERENCE: RTS-0135  
CURRENT APPLICATION NUMBER: US/09/657,346A  
CURRENT FILING DATE: 2000-09-07  
NUMBER OF SEQ ID NOS: 174  
SEQ ID NO 39  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-346A-39

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 827 TGCTGAAGCTGTACCAGAA 946  
DB 1 TCGGGAAGCTGTTGTCAGAA 20

RESULT 152  
US-09-172-699-10  
; Sequence 10, Application US/09172699A  
; Patent No. 6514590  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, David A.  
; APPLICANT: Locarnini, Stephen A.  
; APPLICANT: Toressi, Joseph  
; APPLICANT: Hui, Zhuang  
; APPLICANT: Li, Fan  
; TITLE OF INVENTION: IMMUNOREACTIVE ANTIGENS OF HEPATITIS E VIRUS  
; FILE REFERENCE: Davies Col. Cave  
; CURRENT APPLICATION NUMBER: US/09/172,699A  
; CURRENT FILING DATE: 1998-10-14  
; EARLIER APPLICATION NUMBER: 08/617,927  
; EARLIER FILING DATE: 1996-06-20  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 10  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:HEV Primer (ORF  
; OTHER INFORMATION: 2.0 reverse)  
US-09-172-699-10

Query Match 1.6%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 659 TCTCATGCAGCTGAAGCTCA 678  
DB 1 TCTTAAGCGCTGAAGCTCA 20

RESULT 153  
US-09-422-978-7672  
; Sequence 7672, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20

```
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7672
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20_bind
; OTHER INFORMATION: upstream amplification primer 99-10198 for SEQ 3738,
US-09-422-978-7672

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 448 CAGATGCTTCAGGAGAG 457
Db 1 CAGATGATTCAGTAAG 20

RESULT 154
US-09-595-684B-5
; Sequence 5, Application US/09595684B
; Patent No. 6544766
; GENERAL INFORMATION:
; APPLICANT: Beraud, Christophe
; APPLICANT: Ohashi, Cara
; APPLICANT: Sakowicz, Roman
; APPLICANT: Vaisberg, Eugeni
; APPLICANT: Wood, Kenneth
; APPLICANT: Yu, Ming
; TITLE OF INVENTION: Human kinesins and methods of producing
; TITLE OF INVENTION: and purifying human kinesins
; FILE REFERENCE: cytop036
; CURRENT APPLICATION NUMBER: US/09/595,684B
; PRIOR FILING DATE: 2002-06-24
; PRIOR FILING DATE: 2000-04-20
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chromokinesin 3' primer
US-09-595-684B-5

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 863 TGATGAGCCCACTCAATG 882
Db 1 TGATGACTCCAATTCAGTG 20

RESULT 155
US-09-198-452A-3532/c
; Sequence 3532, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4080
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
```

```
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3532
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3532

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 588 CTGCACACCGCTTCGAGTG 707
Db 20 CTCAACACCTCTTCGAGGG 1

RESULT 156
US-09-198-452A-4043
; Sequence 4043, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4043
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4043

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 333 GTGAGCAACTTCGTGCCAG 352
Db 1 GTAGAGCAATTAGTCCAG 20

RESULT 157
US-09-198-452A-4080
; Sequence 4080, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4080
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4080

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 428 GCCCCTGCTAGTCTAAAGC 447
Db 1 GCTCCCTGCTTTACTAAAGC 20
```

```
RESULT 158
US-09-198-452A-5638
; Sequence 5638, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5638
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5638

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 684 GGATCTGCACCGCTCGA 703
DB 1 GGATCCGACAGCTCTTCTA 20

RESULT 159
US-09-198-452A-5690/c
; Sequence 5690, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5690
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5690

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 138 GCTTTGGGGGCTCAGCTCC 157
DB 20 GCTTTGGAAGACGACCTCC 1

RESULT 160
US-09-697-074-5
; Sequence 5, Application US/09697074
; Patent No. 6573053
; GENERAL INFORMATION:
; APPLICANT: BEN-DAVID, Yaacov
; APPLICANT: PAK, Brian J.
; APPLICANT: KERBEL, Robert
; TITLE OF INVENTION: TREATMENT, DIAGNOSIS AND EVALUATION OF ANTI-CANCER
; FILE REFERENCE: 0030-0201P
; CURRENT APPLICATION NUMBER: US/09/697,074
; CURRENT FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,227
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 10
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```
; SOFTWARE: PatentIn Ver. 1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Antisense
; OTHER INFORMATION: Oligonucleotide derived from TIRP2.
US-09-697-074-5

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 879 ATTGAGTCTCTGATGTGAG 898
DB 1 ATGACGCTCTGTGATGTGAG 20

RESULT 161
US-09-596-248D-32
; Sequence 32, Application US/09596248D
; Patent No. 6599727
; GENERAL INFORMATION:
; APPLICANT: Christenson, Erik
; APPLICANT: DeMaggio, Anthony J
; APPLICANT: Goldman, Phyllis S
; APPLICANT: McElligott, David L
; TITLE OF INVENTION: Human Poly (ADP-Ribose) Polymerase 2 Materials and
; TITLE OF INVENTION: Methods
; FILE REFERENCE: 27866/36544
; CURRENT APPLICATION NUMBER: US/09/596,248D
; CURRENT FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: 60/139,543
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-596-248D-32

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 788 GCGCAAACTGCGAGGACTGAC 807
DB 1 GCGGAAGCTGCGAGGAGTGAC 20

RESULT 162
US-09-596-248D-33/c
; Sequence 33, Application US/09596248D
; Patent No. 6599727
; GENERAL INFORMATION:
; APPLICANT: Christenson, Erik
; APPLICANT: DeMaggio, Anthony J
; APPLICANT: Goldman, Phyllis S
; APPLICANT: McElligott, David L
; TITLE OF INVENTION: Methods
; FILE REFERENCE: 27866/36544
; CURRENT APPLICATION NUMBER: US/09/596,248D
; CURRENT FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: 60/139,543
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
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```
Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 AAGTTGTGAACTGTAG 297
   |||||
Db 1 AATGCTGGTGAACCTGTAG 20

RESULT 166
US-07-977-284A-140/c
; Sequence 140, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988Iris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TUU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
; US-07-977-284A-140

Query Match      1.6%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 209 TTCCAGCCCTCTCCAGAAG 228
   |||||
Db 2 TTGCTGCCCTCTCCTGAAG 21

RESULT 168
US-08-256-426B-140/c
; Sequence 140, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; CORRESPONDENCE ADDRESS:
; NUMBER OF SEQUENCES: 293
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611Iris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
```

```

; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark DeLuca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
; US-08-256-426B-140
;
; Query Match 1.8%; Score 13.6; DB 1; Length 21;
; Best Local Similarity 80.0%; Pred. No. 3.2e+02;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
QY 209 TTCCAGCCCTCCAGAG 228
Db 20 TTGCTGCCCTCTCTGAG 1
;
; RESULT 169
; US-08-256-426B-143
; Sequence 143, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahead, Nilofer Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

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```

; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark DeLuca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; US-08-256-426B-143
;
; Query Match 1.8%; Score 13.6; DB 1; Length 21;
; Best Local Similarity 80.0%; Pred. No. 3.2e+02;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
QY 209 TTCCAGCCCTCCAGAG 228
Db 2 TTGCTGCCCTCTCTGAG 21
;
; RESULT 170
; US-09-021-701-109
; Sequence 109, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna

```

HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-109

Query Match 1.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 147  
DB 3 TGTCTGCTTTGGGG 17

RESULT 171  
US-09-021-701-110  
Sequence 110, Application US/09021701  
Patent No. 6251588

GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Delenstar, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide  
TITLE OF INVENTION: probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021,701  
FILING DATE: 10-FEB-1998

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 110:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-110

Query Match 1.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 147  
DB 2 TGTCTGCTTTGGGG 16

RESULT 172  
US-09-474-432B-835/c  
Sequence 835, Application US/09474432B  
Patent No. 6528640

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
FILE REFERENCE: MEHB00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05

PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: Patent In version 3.0  
SEQ ID NO 835  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-835

Query Match 1.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 2.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 TGGGGGCTGCAGTCTC 156  
DB 15 TGGGGGCTGCAGTCTC 1

RESULT 173  
US-09-476-387-834/c  
Sequence 834, Application US/09476387  
Patent No. 6617438

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
FILE REFERENCE: MEHB00-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
CURRENT FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29

PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1524  
SOFTWARE: Patent In version 3.0  
SEQ ID NO 834  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-476-387-834

Query Match 1.6%; Score 13.4; DB 1; Length 17;





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/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aemica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7670
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7670

Query Match      1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      768  GAACTGGAGAGAG 782
      |||
Db      1  GAGCTGGAGAGAG 15

RESULT 177
US-09-866-108A-8380/c
/ Sequence 8380, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aemica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8380
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8380
```

```
Query Match      1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      405  CTGCTCCAGCAGCT 419
      |||
Db      16  CTGCTCCAGCTGCT 2

RESULT 178
US-09-213-767-35
/ Sequence 35, Application US/09213767
/ Patent No. 5948680
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
/ FILE REFERENCE: RTS-0024
/ CURRENT APPLICATION NUMBER: US/09/213,767
/ CURRENT FILING DATE: 1998-12-17
/ NUMBER OF SEQ ID NOS: 47
/ SEQ ID NO 35
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-35

Query Match      1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      323  CAGAGAGCTGTGGA 337
      |||
Db      4  CAGAGAGTTGTGGA 18

RESULT 179
US-08-748-073-3/c
/ Sequence 3, Application US/08748073
/ Patent No. 6204008
/ GENERAL INFORMATION:
/ APPLICANT: Borneman, W. Scott
/ APPLICANT: Goyal, Anil
/ APPLICANT: Conder, Michael J.
/ APPLICANT: Vinci, Victor A.
/ TITLE OF INVENTION: BIOPROCESS FOR PRODUCTION OF DIPEPTIDE
/ TITLE OF INVENTION: BASED COMPOUNDS
/ NUMBER OF SEQUENCES: 3
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Merck & Co., Inc.
/ STREET: P.O. Box 2000
/ CITY: Rahway
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA: US/08/748,073
/ APPLICATION NUMBER: US/08/748,073
/ FILING DATE: 12-NOV-1996
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Hand, J. Mark
/ REGISTRATION NUMBER: 36,545
/ REFERENCE/DOCKET NUMBER: NK-19147F
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 732/594-3905
/ TELEFAX: 732/594-4720
```

```

; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
US-08-748-073-3

Query Match 1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 GGTGCTGAAGCTGGT 839
Db 16 GGTGCTGGAGCTGGT 2

RESULT 180
US-09-738-444A-16
; Sequence 16, Application US/09738444A
; Patent No. 6650475
; GENERAL INFORMATION:
; APPLICANT: Jack, William E.
; APPLICANT: Schildkraut, Ira
; APPLICANT: Menin, Julie F.
; APPLICANT: Greencough, Lucia
; TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create
; TITLE OF INVENTION: Single-Stranded Regions And Applications Thereof
; FILE REFERENCE: NEB-180
; CURRENT APPLICATION NUMBER: US/09/738,444A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Theoretical
; OTHER INFORMATION: sequences - all randomly generated
US-09-738-444A-16

Query Match 1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 439 GTCTAAGCCAGATG 453
Db 3 GTCTAAGCCAGATG 17

RESULT 181
PCT-US96-09009-21/c
; Sequence 21, Application PC/TUS9609009
; GENERAL INFORMATION:
; APPLICANT: Buchberg, Arthur M.
; APPLICANT: Siracusa, Linda D.
; APPLICANT: Chepenik, Kenneth P.
; TITLE OF INVENTION: RISK FACTOR FOR COLORECTAL CANCER
; TITLE OF INVENTION: AND
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF DETECTING THE SAME
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: Norris
; STREET: One Liberty Place, 46th Floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
US-08-748-073-3

Query Match 1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 GGTGCTGAAGCTGGT 839
Db 16 GGTGCTGGAGCTGGT 2

RESULT 180
US-09-738-444A-16
; Sequence 16, Application US/09738444A
; Patent No. 6650475
; GENERAL INFORMATION:
; APPLICANT: Jack, William E.
; APPLICANT: Schildkraut, Ira
; APPLICANT: Menin, Julie F.
; APPLICANT: Greencough, Lucia
; TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create
; TITLE OF INVENTION: Single-Stranded Regions And Applications Thereof
; FILE REFERENCE: NEB-180
; CURRENT APPLICATION NUMBER: US/09/738,444A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Theoretical
; OTHER INFORMATION: sequences - all randomly generated
US-09-738-444A-16

Query Match 1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 439 GTCTAAGCCAGATG 453
Db 3 GTCTAAGCCAGATG 17

RESULT 181
PCT-US96-09009-21/c
; Sequence 21, Application PC/TUS9609009
; GENERAL INFORMATION:
; APPLICANT: Buchberg, Arthur M.
; APPLICANT: Siracusa, Linda D.
; APPLICANT: Chepenik, Kenneth P.
; TITLE OF INVENTION: RISK FACTOR FOR COLORECTAL CANCER
; TITLE OF INVENTION: AND
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF DETECTING THE SAME
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: Norris
; STREET: One Liberty Place, 46th Floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09009
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/484,359
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1925
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US96-09009-21

Query Match 1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 262 ACAGGAGGAGCTTCA 276
Db 16 ACAGGAGGAGCTTCA 2

RESULT 182
US-08-745-269-5
; Sequence 5, Application US/08745269
; Patent No. 5763183
; GENERAL INFORMATION:
; APPLICANT: Pesonen, Ullamari
; APPLICANT: Koulu, Markku
; APPLICANT: Linnoila, Markku
; APPLICANT: Goldman, David
; APPLICANT: Virkkunen, Matti
; TITLE OF INVENTION: ALLELIC VARIATION
; TITLE OF INVENTION: OF THE 5HT7 SEROTONIN RECEPTOR
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/745,269
; FILING DATE: 08-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/006,394
; FILING DATE: 09-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fuller, Michael L
; REGISTRATION NUMBER: 36,516
; REFERENCE/DOCKET NUMBER: NIH126.001A
; TELECOMMUNICATION INFORMATION:

```

Db 17 CTCTCCGCTGCCCC 3

RESULT 184

US-09-375-318-43/c

Sequence 43, Application US/09375318

Patent No. 6468791

GENERAL INFORMATION:

APPLICANT: Tanzi, Rudolph E.

Wasco, Wilma

Levy-Lahad, Ephrat

Bird, Thomas D.

Galas, David J.

TITLE OF INVENTION: CHROMOSOME 1 GENE AND GENE PRODUCTS RELATED TO ALZHEIMER'S DISEASE

NUMBER OF SEQUENCES: 88

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BEERY LLP

STREET: 701 Fifth Ave, Suite 6300

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/375,318

FILING DATE: 16-Aug-1999

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Verna, James M.

REGISTRATION NUMBER: 33,287

REFERENCE/DOCKET NUMBER: 920010.571C1

TELECOMMUNICATION INFORMATION:

STREET: 701 Fifth Ave, Suite 6300

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 43:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 43:

US-09-375-318-43

Query Match 1.6%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 3e+02; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 418 CTCTCCGCTGCCCC 432

Db 17 CTCTCCGCTGCCCC 3

RESULT 185

US-08-117-952-234

Sequence 234, Application US/08117952

Patent No. 5851760

GENERAL INFORMATION:

APPLICANT: Evans, Glen A.

APPLICANT: Smith, Michael W.

TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE

TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES

NUMBER OF SEQUENCES: 797

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark

STREET: 444 South Flower Street, Suite 2000

CITY: Los Angeles

STATE: CA

QY 418 CTCTCCGCTGCCCC 432

COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/117,952  
FILING DATE: 07-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9392  
INFORMATION FOR SEQ ID NO: 234:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-234

Query Match 1.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 GGTGCTGAAGCTGGT 839  
|||||  
Db 2 GGTGCAGAGCTGGT 16

RESULT 186  
US-08-439-819-11/c  
Sequence 11, Application US/08439819  
Patent No. 5925517  
GENERAL INFORMATION:  
APPLICANT: Tyegi, Sanjay  
APPLICANT: Kramer, Fred R.  
APPLICANT: Lizardi, Paul M.  
TITLE OF INVENTION: DETECTABLY LABELED DUAL CONFORMATION  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 45 Rockefeller Pl., Suite 2800  
CITY: New York  
STATE: N.Y.  
COUNTRY: USA  
ZIP: 10111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/439,819  
FILING DATE: 12-MAY-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/152,006  
FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: William J. Hone

REGISTRATION NUMBER: 26,739  
REFERENCE/DOCKET NUMBER: 07763/027001  
TELEPHONE: 212-765-5070  
TELEFAX: 212-258-2291  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
US-08-439-819-11

Query Match 1.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 473 GGAATTGGCATTCC 487  
|||||  
Db 20 GGAATTGGCATTCC 6

RESULT 187  
US-08-927-219-59/c  
Sequence 59, Application US/08927219  
Patent No. 6187533  
GENERAL INFORMATION:  
APPLICANT: Bell, Graeme I.  
APPLICANT: Yamagata, Kazuya  
APPLICANT: Oda, Naohisa  
APPLICANT: Kaisaki, Pamela J.  
APPLICANT: Furuta, Hiroto  
APPLICANT: Horikawa, Yukio  
APPLICANT: Menzel, Stephen  
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY  
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA  
TITLE OF INVENTION: AND HNF-4ALPHA  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/927,219  
FILING DATE: Concurrently Herewith  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,679  
FILING DATE: 30-OCT-1996  
APPLICATION NUMBER: US 60/028,056  
FILING DATE: 02-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/025,719  
FILING DATE: 10-SEP-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Wilson, Mark B.  
REGISTRATION NUMBER: 37,259  
REFERENCE/DOCKET NUMBER: ARCD:272  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7577  
INFORMATION FOR SEQ ID NO: 59:  
SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-927-219-59

Query Match 1.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 144 GGGGCTGCAGCTCCA 158  
| | | | | | | | | | | | | | | | | | | | | |  
Db 16 GAGGCTGCAGCTCCA 2

## RESULT 188

US-09-496-694B-196  
; Sequence 196, Application US/09496694B  
; Patent No. 6335194  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0439  
; CURRENT APPLICATION NUMBER: US/09/496,694B  
; CURRENT FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 249  
; SEQ ID NO 196  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-196

Query Match 1.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 206 GGGTCCCGCCCTC 220  
| | | | | | | | | | | | | | | | | | | | | |  
Db 5 GGGTCCCGCCCTC 19

## RESULT 189

US-09-920-759-65  
; Sequence 65, Application US/09920759  
; Patent No. 6537811  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION  
; FILE REFERENCE: RTS-0267  
; CURRENT APPLICATION NUMBER: US/09/920,759  
; CURRENT FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 65  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-759-65

Query Match 1.6%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 913 GAAAAGACAGCGGA 927  
| | | | | | | | | | | | | | | | | | | | | |  
Db 3 GAAAAGACAGCGGA 17

## RESULT 190

US-08-335-583C-28/c  
; Sequence 28, Application US/08335583C  
; Patent No. 5693779  
; GENERAL INFORMATION:  
; APPLICANT: Moos Jr., Malcolm  
; APPLICANT: Wang, Shouwan  
; APPLICANT: Krinks, Marie  
; TITLE OF INVENTION: PRODUCTION AND USE OF  
; TITLE OF INVENTION: ANTI-DORSALIZING MORPHOGENETIC PROTEIN  
; NUMBER OF SEQUENCES: 56  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Knobbe, Martens, Olson and Bear  
; STREET: 620 Newport Center Drive 16th Floor  
; CITY: Newport Beach  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/335,583C  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Altman, Daniel E  
; REGISTRATION NUMBER: 34,115  
; REFERENCE/DOCKET NUMBER: NIH04.001A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 714-760-0404  
; TELEFAX: 714-760-9502  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 28:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
US-08-335-583C-28

Query Match 1.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 3e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 660 CTCATGCGCTGAAGCTC 677  
| | | | | | | | | | | | | | | | | | | | | |  
Db 18 CTCATGCGCTGAAGCTC 1

## RESULT 191

US-08-541-950B-13  
; Sequence 13, Application US/08541950B  
; Patent No. 5821046  
; GENERAL INFORMATION:  
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C  
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION

```

; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-OL11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; US-08-541-950B-13

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 3e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGCT 730
Db 1 AGCCAGAUUUGAGCAGCU 18

RESULT 192
US-09-205-922-86/c
; Sequence 86, Application US/09205922
; Patent No. 5951455
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION
; FILE REFERENCE: RTS-0030
; CURRENT APPLICATION NUMBER: US/09/205,922
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 86
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-86

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 661 TCATCGAGCTGAAGCTCA 678
Db 18 TCCTCGAGCTGAACCTGA 1

RESULT 193
US-09-161-443-9/c
; Sequence 9, Application US/09161443A
; Patent No. 6020198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
; FILE REFERENCE: RTS-0011
; CURRENT APPLICATION NUMBER: US/09/161,443A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-9

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTGGACA 777
Db 18 AGATGGCAGAACTGGACA 1

RESULT 194
US-09-156-807-29
; Sequence 29, Application US/09156807
; Patent No. 6030786
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF RHOC EXPRESSION
; FILE REFERENCE: RTS-0014
; CURRENT APPLICATION NUMBER: US/09/156,807
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-807-29

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 614 GGCCATCTCAACGACGCG 631
Db 1 GGCCATCTCAACGACCTC 18

RESULT 195
US-09-289-377-23/c
; Sequence 23, Application US/09289377
; Patent No. 6046321
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION
; FILE REFERENCE: RTS-0058
; CURRENT APPLICATION NUMBER: US/09/289,377
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-377-23

```

Query Match 1.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 3e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 250 TGAAGAGCTTACAGGGA 267  
DB 18 TGAATGACTTGGACAGAA 1

RESULT 196  
US-09-143-212-29/c  
; Sequence 29, Application US/09143212B  
; Patent No. 6077672  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia and Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION  
; FILE REFERENCE: RTS-0005  
; CURRENT APPLICATION NUMBER: US/09/143,212B  
; CURRENT FILING DATE: 1998-08-28  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 29  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-143-212-29

Query Match 1.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 3e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 625 CCAGCGCTCAGTCCCGCT 642  
DB 18 CCAGCACTCGTGCCGCT 1

RESULT 197  
US-09-083-756A-13  
; Sequence 13, Application US/09083756A  
; Patent No. 6114109  
; GENERAL INFORMATION:  
; APPLICANT: Karn J. Gait MJ, Heaphy S, Dingwall C  
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: One Financial Center, 45th Floor  
; CITY: Boston  
; STATE: MA  
; ZIP: 02111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/083,756A  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/541,950  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Williams, Ph.D., Kathleen M.  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: 3777/57347 (WRC-0111X)  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 345-9100  
; TELEFAX: (617) 345-9111  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 bases

; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: synthetic RNA  
US-09-083-756A-13

Query Match 1.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 61.1%; Pred. No. 3e+02;  
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGCT 730  
DB 1 AGCCAGAUUGAGCAGCU 18

RESULT 198  
US-09-213-719-46  
; Sequence 46, Application US/09213719B  
; Patent No. 6150162  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION  
; FILE REFERENCE: RTS-0006  
; CURRENT APPLICATION NUMBER: US/09/213,719B  
; CURRENT FILING DATE: 1998-12-17  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 46  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-213-719-46

Query Match 1.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 3e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 510 GCCAGTTTGGCATTGGG 527  
DB 1 GCCATTCTGGAATTGGG 18

RESULT 199  
US-09-025-769B-363  
; Sequence 363, Application US/09025769B  
; Patent No. 6300864  
; GENERAL INFORMATION:  
; APPLICANT: Knappik, Achim  
; APPLICANT: Pack, Peter  
; APPLICANT: Ilag, Vic  
; APPLICANT: Ge, Liming  
; APPLICANT: Moroney, Simon  
; APPLICANT: Plueckthun, Andreas  
; TITLE OF INVENTION: Protein/(poly)peptide libraries  
; NUMBER OF SEQUENCES: 373  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave  
; STREET: 1251 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10021  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/025,769B  
; FILING DATE: 18-FEB-1998  
; PRIOR APPLICATION DATA:





```
/ TITLE OF INVENTION: Expression
/ FILE REFERENCE: ISPH-0404
/ CURRENT APPLICATION NUMBER: US/09/387,341
/ EARLIER FILING DATE: 1999-08-31
/ EARLIER APPLICATION NUMBER: 09/156,424
/ EARLIER FILING DATE: 1998-09-18
/ EARLIER APPLICATION NUMBER: 09/155,979
/ EARLIER FILING DATE: 1998-09-18
/ EARLIER APPLICATION NUMBER: 09/156,807
/ EARLIER FILING DATE: 1998-09-18
/ EARLIER APPLICATION NUMBER: 09/161,015
/ EARLIER FILING DATE: 1998-09-25
/ NUMBER OF SEQ ID NOS: 233
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 131
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-387-341-131
```

```
Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 614 GGCCATCTCAACACGCGC 631
Db 1 GGCCATCTCAACACCTTC 18
```

```
RESULT 203
US-09-649-747A-46/c
/ Sequence 46, Application US/09649747A
/ Patent No. 6521435
/ GENERAL INFORMATION:
/ APPLICANT: Okubara, Patricia A.
/ APPLICANT: Blechl, Ann E.
/ APPLICANT: Hohn, Thomas M.
/ APPLICANT: Berka, Randy M.
/ TITLE OF INVENTION: Nucleic Acid Sequences Encoding Cell Wall-Degrading
/ TITLE OF INVENTION: Enzymes and Use to Engineer Resistance to Fusarium and
/ TITLE OF INVENTION: Other Pathogens
/ FILE REFERENCE: 0079,99R
/ CURRENT APPLICATION NUMBER: US/09/649,747A
/ CURRENT FILING DATE: 2000-08-28
/ PRIOR FILING DATE: 2000-08-28
/ PRIOR APPLICATION NUMBER: 60/151,582
/ PRIOR FILING DATE: 1999-08-30
/ PRIOR APPLICATION NUMBER: 60/224,946
/ PRIOR FILING DATE: 2000-08-11
/ NUMBER OF SEQ ID NOS: 82
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 46
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Primer
US-09-649-747A-46
```

```
Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 817 GTACTGTGGGTGCTGAAG 834
Db 18 GTGCTGAGAGTGTCTGAAG 1
```

```
RESULT 204
US-09-422-978-5061/c
/ Sequence 5061, Application US/09422978
/ Patent No. 6537751
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET 020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5061
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-2058 for SEQ 1127,
US-09-422-978-5061
```

```
Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 446 GCCAGATCCCTTCCAGGA 463
Db 18 GTCAGATCCCTTCCAGGA 1
```

```
RESULT 205
US-09-371-772B-2170/c
/ Sequence 2170, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MHB00, 876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 2170
/ LENGTH: 18
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-2170
```

```
Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 187 GTGCCCGGGTCAGTTTCC 204
Db 18 GAGGCCAAGTCAGTTTCC 1
```

```
RESULT 206
US-08-807-104-11/c
/ Sequence 11, Application US/08807104
```

Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KOO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-807-104-11  
Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 3.3e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 768 GAACCTGGAGAGAGAGTGT 785  
DB 18 GGACTGGACCAGAGTGT 1  
RESULT 207  
US-08-480-068-11/c  
Sequence 11, Application US/08480068  
Patent No. 6111095  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KOO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-480-068-11  
Query Match 1.6%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 3.3e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 768 GAACCTGGAGAGAGAGTGT 785  
DB 18 GGACTGGACCAGAGTGT 1  
RESULT 208  
US-08-973-137-11/c  
Sequence 11, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KOO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
;
; US-08-973-137-11
Query Match 1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 768 GAACTGGAGAGAGAGTGT 785
Db 18 GGACTGGACCAAGAGTGT 1

RESULT 209
US-09-422-978-7520/c
; Sequence 7520, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; FILE OF INVENTION: Biallelic markers for use in constructing a high density...
; REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7520
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
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```
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-6707 for SEQ 3586,
US-09-422-978-7520
Query Match 1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 756 AAGGAGATGGCAGAACTG 773
Db 18 AAGTAAGTGGCAGAACTG 1

RESULT 210
US-08-927-219-59
; Sequence 59, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-927-219-59
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 144 GGGCTGCAGCTCATAC 161  
Db 3 GGAGCTGCAGCTCATAC 20

RESULT 211  
US-07-922-723A-27/c  
; Sequence 27, Application US/07922723A  
; Patent No. 5369004  
; GENERAL INFORMATION:  
; APPLICANT: Drs. Michael H. Polymeropoulos  
; APPLICANT: and Carl R. Merrill  
; TITLE OF INVENTION: FIVE HIGHLY INFORMATIVE  
; TITLE OF INVENTION: REPEAT POLYMORPHIC DNA MARKERS  
; NUMBER OF SEQUENCES: 73  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lowe, Price, LeBlanc & Becker  
; STREET: Suite 300, 99 Canal Center Plaza  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: DOS Text File  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/922,723A  
; FILING DATE: 19911127  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: D.J. Mills  
; REGISTRATION NUMBER: 34,506  
; REFERENCE/DOCKET NUMBER: 717081A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703 684 1111  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-07-922-723A-27

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 820 CTGTGGTGTCTGAAGCTG 837  
Db 20 CTGTGACTTCTGAAGCTG 3

RESULT 213  
US-08-435-529-6/c  
; Sequence 6, Application US/08435529  
; Patent No. 5635354  
; GENERAL INFORMATION:  
; APPLICANT: KOURILSKY, PHILIPPE  
; APPLICANT: PANNETIER, CHRISTOPHE  
; APPLICANT: COCHET, MADELEINE  
; TITLE OF INVENTION: METHOD FOR DESCRIBING THE REPERTOIRES OF  
; TITLE OF INVENTION: ANTIBODIES (Ab) AND OF T-CELL RECEPTORS (Tcr) OF AN  
; TITLE OF INVENTION: INDIVIDUAL'S IMMUNE SYSTEM  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 S. Jefferson Davis Highway, Suite 400  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,529  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/084,249  
; FILING DATE: 09-JUL-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oblon, No. 5635354man F.  
; REGISTRATION NUMBER: 24,618  
; REFERENCE/DOCKET NUMBER: 354-015-0  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 413-3000  
; TELEFAX: (703) 413-2220



```

; APPLICANT: Agoulnik, A.
; APPLICANT: Kent, Marijo G.
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,416
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-472-416-34

```

```

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 147 GCTGCGTCCATCTTG 164
Db 1 GCTGCGTCCATCTTG 18

```

```

RESULT 217
US-08-410-540-8
; Sequence 8, Application US/08410540
; Patent No. 5807678
; GENERAL INFORMATION:
; APPLICANT: Miller, Walter L.
; APPLICANT: Lin, Dong
; APPLICANT: Strauss III, Jerome P.
; TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
; TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: CA
; COUNTRY: US
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,540
; FILING DATE: 23-MAR-1995
; CLASSIFICATION: 435

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAL-238/00US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415 853 5070
; TELEFAX: 415 857 0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-410-540-8

```

```

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 612 GTGGCCATCTCAACGACG 629
Db 2 GTGGCCATCTCAACGACG 19

```

```

RESULT 218
US-08-557-139-37
; Sequence 37, Application US/08557139
; Patent No. 5827730
; GENERAL INFORMATION:
; APPLICANT: Pedersen, Oluf
; APPLICANT: Bjoirbak, Christian
; APPLICANT: Frederiksen, Kathrine A.
; TITLE OF INVENTION: MUTANT DNA ENCODING INSULIN RECEPTOR
; TITLE OF INVENTION: SUBSTRATE 1
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5827730 of No. 5827730disk of No. 5827730th America
; STREET: 405 Lexington Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10174
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/557,139
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Landiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4041.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 867-0123
; TELEFAX: (212) 878-9655
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-557-139-37

```

```

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;

```

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 847 CACAGCCCCCACTGGTG 864  
 Db 2 CACGCCCCCTACTGCTG 19

RESULT 219  
 US-07-952-277A-27/c  
 ; Sequence 27, Application US/07952277A  
 ; Patent No. 5861504  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Drs. Mihael H. Polymeropoulos  
 ; APPLICANT: and Carl R. Merrill  
 ; TITLE OF INVENTION: ELEVEN HIGHLY INFORMATIVE  
 ; TITLE OF INVENTION: REPEAT POLYMORPHIC DNA MARKERS  
 ; NUMBER OF SEQUENCES: 85  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lowe, Price, LeBlanc & Becker  
 ; STREET: Suite 300, 99 Canal Center Plaza  
 ; CITY: Alexandria  
 ; STATE: Virginia  
 ; COUNTRY: USA  
 ; ZIP: 22314

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: DOS Text File  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/952,277A  
 FILING DATE:

CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: D.J. Mills  
 REGISTRATION NUMBER: 34506  
 REFERENCE/DOCKET NUMBER: 717081C  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 703 684 1111  
 INFORMATION FOR SEQ ID NO: 27:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-07-952-277A-27

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
 Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 820 CTGTGGTGTGAAGCTG 837  
 Db 20 CTGTGACTTCTGAAGCTG 3

RESULT 220  
 US-08-835-099A-13/c  
 ; Sequence 13, Application US/08835099A  
 ; Patent No. 5874277  
 ; GENERAL INFORMATION:  
 ; APPLICANT: SHINTANI, Yasushi  
 ; APPLICANT: NISHI, Kazuori  
 ; APPLICANT: KAWAMOTO, Tomohiro  
 ; TITLE OF INVENTION: NOVEL PROTEINS, THEIR PRODUCTION  
 ; TITLE OF INVENTION: AND USE  
 ; NUMBER OF SEQUENCES: 18  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSMAN, LLP  
 ; STREET: 130 Water Street  
 ; CITY: Boston  
 ; STATE: MA

COUNTRY: USA  
 ZIP: 02109  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/835,099A  
 FILING DATE: 04-APR-1997  
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 083649/1996  
 FILING DATE: 05-APR-1996  
 APPLICATION NUMBER: 9710508.2  
 FILING DATE: 03-APR-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Resnick, David S  
 REGISTRATION NUMBER: 34,235  
 REFERENCE/DOCKET NUMBER: 47342  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-523-3400  
 TELEFAX: 617-523-6440  
 TELEX:

INFORMATION FOR SEQ ID NO: 13:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Synthetic DNA  
 US-08-835-099A-13

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
 Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 761 GATGCGAAGCTGGAGAA 778  
 Db 18 GAAGGAGAACTGGACAA 1

RESULT 221  
 US-08-837-201C-31  
 ; Sequence 31, Application US/08837201C  
 ; Patent No. 5985558  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
 ; APPLICANT: Miraglia; Brenda F. Baker  
 ; TITLE OF INVENTION: Antisense Oligonucleotide  
 ; TITLE OF INVENTION: Compositions and Methods for the Modulation of  
 ; TITLE OF INVENTION: Activating Protein 1  
 ; NUMBER OF SEQUENCES: 139  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: USA  
 ; ZIP: 08053

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/837,201C  
 FILING DATE: April 14, 1997  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRADEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-837-201C-31

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 242 TCAGCTCTTGAGGACTT 259  
DB 1 TCGCACCTGAAGGACTT 18

RESULT 222  
US-08-904-901-113/C  
Sequence 113, Application US/08904901  
Patent No. 5998383  
GENERAL INFORMATION:  
APPLICANT: Wright, Jim A.  
APPLICANT: Young, Aiping H.  
TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED  
TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE  
NUMBER OF SEQUENCES: 163  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KOHN & ASSOCIATES  
STREET: 30500 No. 5998383thwestern Hwy. Suite 410  
CITY: Farmington Hills  
STATE: Michigan  
COUNTRY: US  
ZIP: 48334  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/904,901  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Kohn, Kenneth I.  
REGISTRATION NUMBER: 30,955  
REFERENCE/DOCKET NUMBER: 0227.00004  
TELEPHONE: (248) 539-5050  
TELEFAX: (248) 539-5055  
INFORMATION FOR SEQ ID NO: 113:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRADEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
ANTI-SENSE: YES  
US-08-904-901-113

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 816 GGTACTGTGGTGTCTGAA 833  
DB 1 TCGCACCTGAAGGACTT 18

Db 18 GATACTTTGGCTGCTGAA 1

RESULT 223  
US-08-650-766-17  
Sequence 17, Application US/08650766D  
Patent No. 6015690  
GENERAL INFORMATION:  
APPLICANT: PILETZ, John E.  
APPLICANT: IVANOV, Tina R.  
TITLE OF INVENTION: DNA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND  
TITLE OF INVENTION: METHOD FOR CLONING THE SAME  
FILE REFERENCE: Corrected Sequence Listing  
Patent No. 6015690  
CURRENT APPLICATION NUMBER: US/08/650,766D  
CURRENT FILING DATE: 1996-05-20  
EARLIER APPLICATION NUMBER: US 60/012,600  
EARLIER FILING DATE: 1996-03-01  
NUMBER OF SEQ ID NOS: 21  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 17  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-08-650-766-17

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAGCTG 333  
DB 3 AAGACGCCAGAGAGCAG 20

RESULT 224  
US-08-922-635-16  
Sequence 16, Application US/08922635A  
Patent No. 6033871  
GENERAL INFORMATION:  
APPLICANT: PILETZ, John E.  
APPLICANT: IVANOV, Tina R.  
TITLE OF INVENTION: DNA MOLECULES ENCODING IMIDALINE RECEPTIVE POLYPEPTIDES  
TITLE OF INVENTION: AND POLYPEPTIDES ENCODED THEREBY  
FILE REFERENCE: Corrected Sequence Listing  
Patent No. 6033871  
CURRENT APPLICATION NUMBER: US/08/922,635A  
CURRENT FILING DATE: 1997-09-03  
EARLIER APPLICATION NUMBER: 08/650,766  
EARLIER FILING DATE: 1996-05-20  
EARLIER APPLICATION NUMBER: 60/012,600  
EARLIER FILING DATE: 1996-03-01  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 16  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-08-922-635-16

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAGCTG 333  
DB 3 AAGACGCCAGAGAGCAG 20

RESULT 225  
US-09-344-001-18  
Sequence 18, Application US/09344001  
Patent No. 6054440



GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-2 EXPRESSION  
FILE REFERENCE: RTS-0067  
CURRENT APPLICATION NUMBER: US/09/344,001  
CURRENT FILING DATE: 1999-06-24  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 18  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-344-001-18

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 604 GGGTGGAGCTGGCCATCT 621  
Db 1 GGGAGGAGCCGCCATCT 18

RESULT 226  
US-09-344-001-19  
Sequence 19, Application US/09344001  
Patent No. 6054440  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-2 EXPRESSION  
FILE REFERENCE: RTS-0067  
CURRENT APPLICATION NUMBER: US/09/344,001  
CURRENT FILING DATE: 1999-06-24  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 19  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-344-001-19

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 604 GGGTGGAGCTGGCCATCT 621  
Db 3 GGGAGGAGCCGCCATCT 20

RESULT 227  
US-09-157-349-13/c  
Sequence 13, Application US/09157349  
Patent No. 6068990  
GENERAL INFORMATION:  
APPLICANT: SHINTANI, Yasushi  
APPLICANT: NISHI, Kazuhiro  
APPLICANT: KAWAMOTO, Tomohiro  
TITLE OF INVENTION: NOVEL PROTEINS, THEIR PRODUCTION  
TITLE OF INVENTION: AND USE  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSMAN, LLP  
STREET: 130 Water Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA: US/09/157,349  
APPLICATION NUMBER: US/09/157,349  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/835,099  
FILING DATE:  
APPLICATION NUMBER: 97105508.2  
FILING DATE: 03-APR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Restlick, David S  
REGISTRATION NUMBER: 34,235  
REFERENCE/DOCKET NUMBER: 47342  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-523-3400  
TELEFAX: 617-523-6440  
TELEX:  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Synthetic DNA  
US-09-157-349-13

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 761 GATGGCAGAACTGGAGAA 778  
Db 18 GAAGGAAGAACTGGACAA 1

RESULT 228  
US-09-166-186-123/c  
Sequence 123, Application US/09166186A  
Patent No. 6080580  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION  
FILE REFERENCE: ISPH-0322  
CURRENT APPLICATION NUMBER: US/09/166,186A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 123  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-186-123

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 909 AAGTGAAGAACACAGCGG 926  
Db 20 ATGTGGAAGAACACAGAGGG 3

RESULT 229  
US-08-738-381-20  
Sequence 20, Application US/08738381

schu568-1.rni

Fri Jul 30 10:32:07 2004

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PATENT NO. 6083694
GENERAL INFORMATION:
APPLICANT: John A. Hardy, Allison M. Goate
TITLE OF INVENTION: Method for Elucidation and
TITLE OF INVENTION: Detection of Polymorphisms, Splice Variants and
TITLE OF INVENTION: Proximal Coding Using Intronic Sequences of the
TITLE OF INVENTION: Mutations Alzheimer's S182 Gene
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/738,381
FILING DATE: Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/007,048
FILING DATE: October 25, 1995
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: P50388
TELEPHONE: 610-270-5024
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: NO
US-08-738-381-20

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 815 TGGTACTGTGGGCTGGA 832
Db 2 TGGTAATGGTGGTGA 19

RESULT 230
US-08-621-841-35
Sequence 35, Application US/08621841
Patent No. 609869
GENERAL INFORMATION:
APPLICANT: Stanley, Margaret A.
APPLICANT: Scarpini, Cinzia G.
TITLE OF INVENTION: TREATMENT OF PAPILLOMAVIRUS-ASSOCIATED
TITLE OF INVENTION: LESIONS
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/621,841
FILING DATE: 22-MAR-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9505784.0
FILING DATE: 22-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-63316
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-621-841-35

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 860 TGGTGATGAGCCCACTC 877
Db 1 TGGTGATGAGGCCACTC 18

RESULT 231
US-09-249-730-113/c
Sequence 113, Application US/09249730
Patent No. 6121000
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: PatentIn ver. 2.0
SEQ ID NO 113
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-249-730-113

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 816 GGTACTGTGGGTGCTGAA 833
Db 18 GATACCTTGGCTGCTGAA 1

RESULT 232
US-09-418-640-67
Sequence 67, Application US/09418640
Patent No. 6140125
GENERAL INFORMATION:
APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
FILE REFERENCE: RTS-0102

```

;/ CURRENT APPLICATION NUMBER: US/09/418,640  
;/ CURRENT FILING DATE: 1999-10-15  
;/ NUMBER OF SEQ ID NOS: 89  
;/ SEQ ID NO 67  
;/ LENGTH: 20  
;/ TYPE: DNA  
;/ ORGANISM: Artificial Sequence  
;/ FEATURE:  
;/ OTHER INFORMATION: Antisense Oligonucleotide  
US-09-418-640-67

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 404 CGTCTCCAGCAGGCTCT 421  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 CATGCTTCAGCAGGCTTT 18

RESULT 233  
US-09-288-461-34/c  
;/ Sequence 34, Application US/09288461  
;/ Patent No. 6159694  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Karas, James G.  
;/ TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3  
;/ FILE REFERENCE: ISPH-0338  
;/ CURRENT APPLICATION NUMBER: US/09/288,461  
;/ CURRENT FILING DATE: 1999-04-08  
;/ NUMBER OF SEQ ID NOS: 107  
;/ SOFTWARE: PatentIn Ver. 2.0  
;/ SEQ ID NO 34  
;/ LENGTH: 20  
;/ TYPE: DNA  
;/ ORGANISM: Artificial Sequence  
;/ FEATURE:  
;/ OTHER INFORMATION: Synthetic Sequence  
US-09-288-461-34

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 273 TTCAGAAAGTTGTGAAA 290  
| | | | | | | | | | | | | | | | | | | | | |  
Db 18 TTCAGAAACTTAATGAAA 1

RESULT 234  
US-09-490-692-136/c  
;/ Sequence 136, Application US/09490692  
;/ Patent No. 6180353  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Nicholas M. Dean  
;/ APPLICANT: Lex M. Cowsett  
;/ TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION  
;/ FILE REFERENCE: RTS-0120  
;/ CURRENT APPLICATION NUMBER: US/09/490,692  
;/ CURRENT FILING DATE: 2000-01-24  
;/ NUMBER OF SEQ ID NOS: 176  
;/ SEQ ID NO 136  
;/ LENGTH: 20  
;/ TYPE: DNA  
;/ ORGANISM: Artificial Sequence  
;/ FEATURE:  
;/ OTHER INFORMATION: Antisense Oligonucleotide  
US-09-490-692-136

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 450 GATGCTTCAGGAGAG 467  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GATGCTTCGGGACGTG 3

RESULT 235  
US-09-280-805-93/c  
;/ Sequence 93, Application US/09280805  
;/ Patent No. 6184212  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
;/ APPLICANT: Graham, Brett P. Monia  
;/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
;/ TITLE OF INVENTION: EXPRESSION  
;/ NUMBER OF SEQUENCES: 271  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Law Offices of Jane Massey Licata  
;/ STREET: 66 East Main Street  
;/ CITY: Marlton  
;/ STATE: NJ  
;/ COUNTRY: U.S.A.  
;/ ZIP: 08053  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
;/ COMPUTER: IBM PC  
;/ OPERATING SYSTEM: WINDOWS 95  
;/ SOFTWARE: WORDPERFECT 6.0  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/09/280,805  
;/ FILING DATE: herewith  
;/ CLASSIFICATION:  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 09/048,810  
;/ FILING DATE: March 26, 1998  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Licata, Jane Massey  
;/ REGISTRATION NUMBER: 32,257  
;/ REFERENCE/DOCKET NUMBER: ISPH-0346  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: 609-810-1515  
;/ TELEFAX: 609-810-1454  
;/ INFORMATION FOR SEQ ID NO: 93:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 20 base pairs  
;/ TYPE: Nucleic Acid  
;/ STRANDEDNESS: Single  
;/ TOPOLOGY: Linear  
;/ ANTI-SENSE: Yes  
US-09-280-805-93

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 492 GATCTAATTGGAGATTG 509  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GATCTTCTAGGAGATTG 3

RESULT 236  
US-09-280-805-101/c  
;/ Sequence 101, Application US/09280805  
;/ Patent No. 6184212  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
;/ APPLICANT: Graham, Brett P. Monia  
;/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
;/ TITLE OF INVENTION: EXPRESSION  
;/ NUMBER OF SEQUENCES: 271  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Law Offices of Jane Massey Licata  
;/ STREET: 66 East Main Street

CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 101:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-101

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 468 CTCAGGAAGTTCGATT 485  
DB 19 CTCAGGAAGTTCGATT 2

## RESULT 237

US-09-488-671-21/c  
Sequence 21, Application US/09488671A  
Patent No. 6187545  
GENERAL INFORMATION:  
APPLICANT: Robert McKay  
APPLICANT: Madeline M. Butler  
APPLICANT: Jacqueline Wyatt  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF PEPC-CYTOSOLIC EXPRESSION  
FILE REFERENCE: RTS-0123  
CURRENT APPLICATION NUMBER: US/09/488,671A  
CURRENT FILING DATE: 2000-01-21  
NUMBER OF SEQ ID NOS: 177  
SEQ ID NO 21  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-488-671-21

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 213 CAGCCCTCTCCAGAGTG 230  
DB 18 CAGCACTCTGCAGAAATG 1

## RESULT 238

US-08-766-528-58  
Sequence 58, Application US/08766528  
Patent No. 6190861  
GENERAL INFORMATION:  
APPLICANT: Jay A. Fishman  
TITLE OF INVENTION: MOLECULAR SEQUENCE OF SWINE RETROVIRUS  
NUMBER OF SEQUENCES: 74  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD, LLP  
STREET: 60 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109-1875  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/766,528  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/572,645  
FILING DATE: 14-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Louis Myers  
REGISTRATION NUMBER: 35,965  
REFERENCE/DOCKET NUMBER: MGP-038CP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-766-528-58

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 576 CTGCCTCACGTGTCTTAC 593  
DB 2 CTGCATCACTTCTCTTAC 19

## RESULT 239

US-09-313-932-123/c  
Sequence 123, Application US/09313932A  
Patent No. 6228642  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
FILE REFERENCE: ISPH-0356  
CURRENT APPLICATION NUMBER: US/09/313,932A  
CURRENT FILING DATE: 1999-05-18  
NUMBER OF SEQ ID NOS: 501  
SEQ ID NO 123  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-313-932-123

```
Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 909 AAGTGAAGAAGACAGCGGG 926
    |||||
Db 20 ATGTGGAAGAAGACAGAGGG 3

RESULT 240
US-09-377-309-93
; Sequence 93, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsert, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-93

Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 507 TTGGCCAGTTTGCATT 524
    |||||
Db 1 TTGGCCAGTTTGCCTAT 18

RESULT 241
US-09-338-907-174
; Sequence 174, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 09/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..20
; OTHER INFORMATION: amplification oligonucleotide pGlae56b
US-09-338-907-174

Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 909 AAGTGAAGAAGACAGCGGG 926
    |||||
Db 20 ATGTGGAAGAAGACAGAGGG 3

RESULT 240
US-09-377-309-93
; Sequence 93, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsert, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-93

Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 507 TTGGCCAGTTTGCATT 524
    |||||
Db 1 TTGGCCAGTTTGCCTAT 18

RESULT 241
US-09-338-907-174
; Sequence 174, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 09/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..20
; OTHER INFORMATION: amplification oligonucleotide pGlae56b
US-09-338-907-174

Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 303 GCCTGTCATCGGAAGAC 320
    |||||
Db 3 GCCCACGTGGGAAGAC 20

RESULT 242
US-09-428-583-42/c
; Sequence 42, Application US/09428583
; Patent No. 6271029
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 EXPRESSION
; FILE REFERENCE: RTS-0096
; CURRENT APPLICATION NUMBER: US/09/428,583
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-583-42

Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 758 GGAGATGGCAGAACTGGA 775
    |||||
Db 18 GGAGAGGGAAGAACTGAA 1

RESULT 243
US-09-721-822A-37
; Sequence 37, Application US/09721822A
; Patent No. 6306606
; GENERAL INFORMATION:
; APPLICANT: Michael J. Weber
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION
; FILE REFERENCE: RTS-0142
; CURRENT APPLICATION NUMBER: US/09/721,822A
; CURRENT FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-721-822A-37

Query Match      1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GGCAGAACTGGAGAAGAA 781
    |||||
Db 2 GGCAAAAGTGGATAAGAA 19

RESULT 244
US-09-364-416-31
; Sequence 31, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
```

APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
APPLICANT: Miraglia; Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Compositions and Methods for the Modulation of  
TITLE OF INVENTION: Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/364,416  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201  
FILING DATE: April 14, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes

US-09-364-416-31

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 242 TCAGCTCTTGAGGACTT 259  
DB 1 TCGGCACCTGAAGGACTT 18

RESULT 245  
US-09-657-042A-34  
Sequence 34, Application US/09657042A  
Patent No. 6329203  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION  
FILE REFERENCE: RTS-0148  
CURRENT APPLICATION NUMBER: US/09/657,042A  
CURRENT FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 34  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-042A-34

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 632 TCAGTCCCGCTCCCTGCA 649  
DB 1 TCAGTGTGCCCCCTGCA 18

RESULT 246  
US-09-218-207-174  
Sequence 174, Application US/09218207  
Patent No. 6346381  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Ilya, Chumakov  
TITLE OF INVENTION: Prostate cancer gene  
FILE REFERENCE: GENSET.018CP1  
CURRENT APPLICATION NUMBER: US/09/218,207  
CURRENT FILING DATE: 1998-12-22  
EARLIER APPLICATION NUMBER: 08/996,306  
EARLIER FILING DATE: 1997-12-22  
EARLIER APPLICATION NUMBER: 60/099,658  
EARLIER FILING DATE: 1998-09-09  
NUMBER OF SEQ ID NOS: 578  
SOFTWARE: Patent.pm  
SEQ ID NO 174  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..20  
OTHER INFORMATION: amplification oligonucleotide PGIa56b  
US-09-218-207-174

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 303 GCCTGCTGGGAAGAC 320  
DB 3 GCCCAGCTGGGAAGAC 20

RESULT 247  
US-09-702-246-19  
Sequence 19, Application US/09702246  
Patent No. 6383809  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-1 EXPRESSION  
FILE REFERENCE: RTS-0195  
CURRENT APPLICATION NUMBER: US/09/702,246  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 19  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-246-19

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 149 TGCAGCTCCATCTTCA 166  
DB 3 TGCAGCTCCCAATGCA 20

RESULT 248  
US-09-702-246-59

; Sequence 59, Application US/09702246  
; Patent No. 6383809

; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett

; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-1 EXPRESSION

; FILE REFERENCE: RTS-0195  
; CURRENT APPLICATION NUMBER: US/09/702,246

; CURRENT FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 59  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-702-246-59

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 614 GGCATCTCAACACGCG 631  
|||||

Db 1 GGCAGCTCACACGCG 18

RESULT 249  
US-09-167-513-13/c

; Sequence 13, Application US/09167513  
; Patent No. 6388064

; GENERAL INFORMATION:  
; APPLICANT: Conklin, Darrell C.

; APPLICANT: Blumberg, Hal  
; TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z19A

; FILE REFERENCE: 97-63  
; CURRENT APPLICATION NUMBER: US/09/167,513

; CURRENT FILING DATE: 1998-10-06  
; EARLIER APPLICATION NUMBER: US 60/061,712

; EARLIER FILING DATE: 1997-10-06  
; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 13

; LENGTH: 20  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer ZC13790

US-09-167-513-13

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 TTATGAGTCAACAGCTGG 960  
|||||

Db 18 TTATGGGAGAACAGCTGG 1

RESULT 250  
US-09-907-843-73/c

; Sequence 73, Application US/09907843  
; Patent No. 6440739

; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION

; FILE REFERENCE: RTS-0279  
; CURRENT APPLICATION NUMBER: US/09/907,843

; CURRENT FILING DATE: 2001-07-17  
; NUMBER OF SEQ ID NOS: 87

; SEQ ID NO 73  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-907-843-73

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 563 GCAGGATCCTCGCTGCC 580  
|||||

Db 20 GCAGGGGTCACTCGCTGCC 3

RESULT 251  
US-09-658-679A-77

; Sequence 77, Application US/09658679A  
; Patent No. 6444464

; GENERAL INFORMATION:  
; APPLICANT: Ian Popoff

; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION

; FILE REFERENCE: RTS-0186  
; CURRENT APPLICATION NUMBER: US/09/658,679A

; CURRENT FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 87

; SEQ ID NO 77  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-658-679A-77

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CTGGTACTGTGGGTGCTG 831  
|||||

Db 3 CTGGCAGTGGAGTGTG 20

RESULT 252  
US-09-920-672-77

; Sequence 77, Application US/09920672  
; Patent No. 6455308

; GENERAL INFORMATION:  
; APPLICANT: Mark J. Graham

; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION

; FILE REFERENCE: RTS-0251  
; CURRENT APPLICATION NUMBER: US/09/920,672

; CURRENT FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 77  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-920-672-77

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAAGAGCTCCAGGA 475  
|||||

Db 3 CCAGGAAGAGCTATAGAA 20

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

RESULT 253  
US-09-918-686-81/c  
; Sequence 81, Application US/09918686  
; Patent No. 6475739  
; GENERAL INFORMATION:  
; APPLICANT: Brunkow, Mary  
; APPLICANT: Prohl, Sean  
; APPLICANT: Paepel, Bryan  
; APPLICANT: Staehling-Hampton, Karen  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING  
; TITLE OF INVENTION: GENOMIC DELETIONS  
; FILE REFERENCE: 240083.515  
; CURRENT APPLICATION NUMBER: US/09/918.686  
; CURRENT FILING DATE: 2001-07-30  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 81  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-09-918-686-81

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 528 AGTCAAGCGCTCTCTC 545  
Db 18 AGTCAAGCGCTCTCTC 1

RESULT 254  
US-09-898-361-133/c  
; Sequence 133, Application US/09898361  
; Patent No. 5503152  
; GENERAL INFORMATION:  
; APPLICANT: Susan Murray  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RPS-0158  
; CURRENT APPLICATION NUMBER: US/09/898.361  
; CURRENT FILING DATE: 2001-06-21  
; NUMBER OF SEQ ID NOS: 163  
; SEQ ID NO 133  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-361-133

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 787 AGCGCAACTGCAGGACT 804  
Db 19 AGGCGCAACTGCAGGAGT 2

RESULT 255  
US-09-422-978-10825/c  
; Sequence 10825, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 949 GTCAACAGCTGGCGAGG 966  
Db 20 GTCAACAGCTGGCGAGG 3

RESULT 256  
US-09-303-040-72/c  
; Sequence 72, Application US/09303040  
; Patent No. 6555671  
; GENERAL INFORMATION:  
; APPLICANT: Winelow, Barbara J.  
; APPLICANT: Cochran, Mark D.  
; TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding  
; TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, Feline CTLA-4 or  
; TITLE OF INVENTION: Feline Interferon-gamma And Uses Thereof  
; FILE REFERENCE: 54957-B  
; CURRENT APPLICATION NUMBER: US/09/303.040  
; CURRENT FILING DATE: 1999-04-30  
; EARLIER APPLICATION NUMBER: 60/083.870  
; EARLIER FILING DATE: 1998-05-01  
; NUMBER OF SEQ ID NOS: 82  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 72  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: CD28-768 primer  
US-09-303-040-72

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCAGAG 228  
Db 20 CCTATCCCTATCCAGAG 3

RESULT 257  
US-09-198-452A-2327/c  
; Sequence 2327, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; TITLE OF INVENTION: and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198.452A



; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 2327  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-2327

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 551 TGTAGCCCAACAGCAGG 568  
|||||  
DB 18 TGTAGGCAACATCAGG 1

RESULT 258  
US-09-198-452A-4262  
; Sequence 4262, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:

; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198,452A  
; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 4262  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-4262

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 132 ATCTCTGCTTTGGGGCT 149  
|||||  
DB 3 ATTTCTGCAATGGGGTT 20

RESULT 259  
US-09-198-452A-5306  
; Sequence 5306, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:

; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198,452A  
; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 5306  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-5306

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 758 GGAGATGGCAACTGGA 775  
|||||  
DB 3 GTAGTGGCAACACTGGA 20

RESULT 260  
US-09-198-452A-6489/c  
; Sequence 6489, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:

; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198,452A  
; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 6489  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-6489

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 719 ATTTCAGGAGCTGGGTA 736  
|||||  
DB 18 AATGAGGAGCTGGGCA 1

RESULT 261  
US-09-068-506-48/c  
; Sequence 48, Application US/09068506A  
; Patent No. 6569618  
; GENERAL INFORMATION:

; APPLICANT: YASUE, Hirofumi  
; APPLICANT: YOSHIMURA, Kumamoto  
; TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY ARTERY DISEASE  
; FILE REFERENCE: 0032-245P  
; CURRENT APPLICATION NUMBER: US/09/068,506A  
; CURRENT FILING DATE: 1998-07-10  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 48  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primers  
US-09-068-506-48

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 ACTGAGGAGCTGACTGAA 811  
|||||  
DB 18 ACTAAGGAGCTGCTGAA 1

RESULT 262  
US-09-389-487-17  
; Sequence 17, Application US/09389487  
; Patent No. 6576742  
; GENERAL INFORMATION:

; APPLICANT: FLETCHER, John E.  
; APPLICANT: IVANOV, Tina R.  
; TITLE OF INVENTION: DNA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND  
; FILE REFERENCE: METHOD FOR CLONING THE SAME  
; FILE REFERENCE: Corrected Sequence Listing  
; Patent No. 6576742  
; CURRENT APPLICATION NUMBER: US/09/389,487  
; CURRENT FILING DATE: 1999-09-03

EARLIER APPLICATION NUMBER: US 08/650,766  
; EARLIER FILING DATE: 1996-05-20  
; BEST LOCAL SIMILARITY 83.3%; Pred. No. 3.6e+02;  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 17  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-389-487-17

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGCTGCAGAGCTG 333  
| | | | | | | | | | | | | | | | | | | | | |  
DB 3 AAGACGCCAGAGAGCAG 20

RESULT 263  
US-09-249-247-113/c  
; Sequence 113, Application US/09249247  
; Patent No. 6593305  
; GENERAL INFORMATION:  
; APPLICANT: WRIGHT, Jim A.  
; APPLICANT: YOUNG, Aiping H.  
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and  
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase  
; FILE REFERENCE: 032396-023  
; CURRENT APPLICATION NUMBER: US/09/249,247  
; CURRENT FILING DATE: 1999-02-11  
; EARLIER APPLICATION NUMBER: US 60/023,040  
; EARLIER FILING DATE: 1996-08-02  
; EARLIER APPLICATION NUMBER: US 60/039,959  
; EARLIER FILING DATE: 1997-03-07  
; EARLIER APPLICATION NUMBER: US 08/904,901  
; EARLIER FILING DATE: 1997-08-01  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 113  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human  
US-09-249-247-113

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 816 GGTACTGTGGTGTGAA 833  
| | | | | | | | | | | | | | | | | | | | | |  
DB 18 GATACCTTGGTGTGAA 1

RESULT 264  
US-09-780-045-72  
; Sequence 72, Application US/09780045  
; Patent No. 6602713  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RTS-0130  
; CURRENT APPLICATION NUMBER: US/09/780,045  
; CURRENT FILING DATE: 2001-02-09  
; NUMBER OF SEQ ID NOS: 135  
; SEQ ID NO 72  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-780-045-72

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 790 GCAAACTGCAGGACTGAC 807  
| | | | | | | | | | | | | | | | | | | | | |  
DB 2 GCAAACTGTTAGACTGAC 19

RESULT 265  
US-09-921-667-13  
; Sequence 13, Application US/09921667  
; Patent No. 6652854  
; GENERAL INFORMATION:  
; APPLICANT: Mohler, Kendall M.  
; APPLICANT: Barone, Dauphine S.  
; APPLICANT: Peschon, Jacques J.  
; APPLICANT: Kennedy, Mary K.  
; APPLICANT: Plueneke, John D.  
; TITLE OF INVENTION: METHODS FOR TREATING AUTOIMMUNE AND CHRONIC INFLAMMATORY CONDITION  
; TITLE OF INVENTION: ANTAGONISTS OF CD30 OR CD30L  
; FILE REFERENCE: 2959-A  
; CURRENT APPLICATION NUMBER: US/09/921,667  
; CURRENT FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: 60/224,079  
; PRIOR FILING DATE: 2000-08-08  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 13  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic primer  
US-09-921-667-13

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 AGAGCTCCAGGAACTTG 481  
| | | | | | | | | | | | | | | | | | | | | |  
DB 1 AGAGCTCCAGGCAAGG 18

RESULT 266  
US-09-860-473-122/c  
; Sequence 122, Application US/09860473  
; Patent No. 6856732  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION  
; FILE REFERENCE: RTS-0222  
; CURRENT APPLICATION NUMBER: US/09/860,473  
; CURRENT FILING DATE: 2001-05-18  
; NUMBER OF SEQ ID NOS: 169  
; SEQ ID NO 122  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-860-473-122

Query Match 1.6%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 384 CTGCTGGCGGCACAC 401  
| | | | | | | | | | | | | | | | | | | | | |

```

Db      18 CTGCTGCTGGCACACTC 1

RESULT 267
US-08-182-968A-418/c
; Sequence 418, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 418:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-182-968A-418

Query Match      1.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      710 CATAGCCAAATTT 722
Db      15 CATAGCCAAATTT 3

RESULT 268
US-08-774-306A-418/c
; Sequence 418, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968

```

```

; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 418:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-418

Query Match      1.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      710 CATAGCCAAATTT 722
Db      15 CATAGCCAAATTT 3

RESULT 269
US-09-064-156A-418/c
; Sequence 418, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968

```

FILING DATE: January 13, 1994  
 APPLICATION NUMBER: 07/882,888  
 FILING DATE: May 14, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 234/083  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 418:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-064-156A-418

Query Match 1.8%; Score 13; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 CATAGCCAAATTT 722  
 Db 15 CATAGCCAAATTT 3

RESULT 270  
 US-09-866-108A-1758  
 Sequence 1758, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AEMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aemica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 1758  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-1758

Query Match 1.8%; Score 13; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATG 453  
 Db 5 CTAAGCCAGATG 17

RESULT 271  
 US-09-866-108A-1759  
 Sequence 1759, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AEMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aemica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 1759  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-1759

Query Match 1.8%; Score 13; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATG 453  
 Db 4 CTAAGCCAGATG 16

RESULT 272  
 US-09-866-108A-1760  
 Sequence 1760, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aemica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1760  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-1760

Query Match 1.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 441 CTAAGCCAGATG 453  
|||||  
Db 3 CTAAGCCAGATG 15

RESULT 273  
US-09-866-108A-1761  
Sequence 1761, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aemica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1761  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-1761

Query Match 1.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 441 CTAAGCCAGATG 453  
|||||  
Db 2 CTAAGCCAGATG 14

RESULT 274  
US-09-866-108A-1762  
Sequence 1762, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aemica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1762  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-09-866-108A-1762

Query Match 1.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 441 CTAAGCCAGATG 453  
Db 1 CTAAGCCAGATG 13

RESULT 275

US-08-155-005A-9  
; Sequence 9, Application US/08155005A  
; Patent No. 6057433  
; GENERAL INFORMATION:  
; APPLICANT: Gil, Daniel W.  
; APPLICANT: Regan, John W.  
; TITLE OF INVENTION: Human EP3 Prostaglandin Receptor  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Knobbe, Martens, Olson & Bear  
; STREET: 620 Newport Center Drive, Sixteenth Floor  
; CITY: Newport Beach  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08155,005A  
; FILING DATE: NO. 6057433ember 19, 1993  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Israel, Ned A.  
; REGISTRATION NUMBER: 29,655  
; REFERENCE/DOCKET NUMBER: ALRGN.052A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 235-8550  
; TELEFAX: (619) 235-0176  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; IMMEDIATE SOURCE:  
; CLONE: sense primer  
US-08-155-005A-9

Query Match 1.6%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 173 CGCTGACAGTCAC 185  
Db 4 CGCTGACAGTCAC 16

RESULT 276

US-09-487-444-10  
; Sequence 10, Application US/09487444  
; Patent No. 6159697  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monja  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION

; FILE REFERENCE: RTS-0133  
; CURRENT APPLICATION NUMBER: US/09/487,444  
; CURRENT FILING DATE: 2000-01-19  
; NUMBER OF SEQ ID NOS: 49  
; SEQ ID NO 10  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-444-10

Query Match 1.6%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 420 CTCGGCTGCCCC 432  
Db 1 CTCGGCTGCCCC 13

RESULT 277

US-09-363-783-9  
; Sequence 9, Application US/09363783  
; Patent No. 6197933  
; GENERAL INFORMATION:  
; APPLICANT: Gil, Daniel W.  
; APPLICANT: Regan, John W.  
; TITLE OF INVENTION: Human EP3 Prostaglandin Receptor  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Knobbe, Martens, Olson & Bear  
; STREET: 620 Newport Center Drive, Sixteenth Floor  
; CITY: Newport Beach  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/363,783  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/155,005  
; FILING DATE: NO. 6197933ember 19, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Israel, Ned A.  
; REGISTRATION NUMBER: 29,655  
; REFERENCE/DOCKET NUMBER: ALRGN.052A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 235-8550  
; TELEFAX: (619) 235-0176  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; IMMEDIATE SOURCE:  
; CLONE: sense primer  
US-09-363-783-9

Query Match 1.6%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 173 CGCTGACAGTCAC 185
Db 4 CGCTGACAGTCAC 16

RESULT 278
US-09-218-979-24
; Sequence 24, Application US/09218979
; Patent No. 6312960
; GENERAL INFORMATION:
; APPLICANT: William J. Balch
; APPLICANT: Michael E. Hogan
; TITLE OF INVENTION: Multiplexed molecular analysis apparatus
; FILE REFERENCE: 07762-002003
; CURRENT APPLICATION NUMBER: US/09/218,979
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 09/002,170
; PRIOR FILING DATE: 1997-12-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: homo sapien
US-09-218-979-24

Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 GTCAACAGCTGGG 961
Db 3 GTCAACAGCTGGG 15

RESULT 279
US-09-679-427-24
; Sequence 24, Application US/09679427
; Patent No. 6479301
; GENERAL INFORMATION:
; APPLICANT: William J. Balch
; APPLICANT: Michael E. Hogan
; TITLE OF INVENTION: Multiplexed molecular analysis apparatus
; FILE REFERENCE: 07762-002003
; CURRENT APPLICATION NUMBER: US/09/679,427
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/218,979
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 09/002,170
; PRIOR FILING DATE: 1997-12-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: homo sapien
US-09-679-427-24

Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 GTCAACAGCTGGG 961
Db 3 GTCAACAGCTGGG 15

RESULT 280
US-09-661-758A-9
; Sequence 9, Application US/09661758A
; Patent No. 6670134
; GENERAL INFORMATION:
; APPLICANT: Gil, Daniel W.
```

```
Regan, John W.
TITLE OF INVENTION: Human EP3 Prostaglandin Receptor
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/661,758A
FILING DATE: 14-Sep-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/155,005
FILING DATE: No. 6670134ember 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned A.
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: ALRGN.052A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
IMMEDIATE SOURCE:
CLONE: sense primer
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-661-758A-9

Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 173 CGCTGACAGTCAC 185
Db 4 CGCTGACAGTCAC 16

RESULT 281
US-08-568-459A-33
; Sequence 33, Application US/08568459A
; Patent No. 5849306
; GENERAL INFORMATION:
; APPLICANT: Sim, Kim L.
; APPLICANT: Chitnis, Chetan
; APPLICANT: Miller, Louis H.
; APPLICANT: Peterson, David S.
; APPLICANT: Su, Xin-zhaun
; APPLICANT: Wellem, Thomas E.
; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
; AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe Martens Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: California
; COUNTRY: US
; ZIP: 92660
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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/568,459A
; FILING DATE: 07-DEC-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Israel, Ned
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: NIH121.001CPI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-568-459A-33

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 4e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 842 CAGAACACAGCCCCCACT 860
DB 1 CAGWASTCTCSCCCCACT 19

RESULT 282
US-09-166-203-56/c
; Sequence 56, Application US/09166203A
; Patent No. 5968826
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0323
; CURRENT APPLICATION NUMBER: US/09/166,203A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 60
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: control sequence
; US-09-166-203-56

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 810 AACCTGGTACTG 822
DB 18 AACCTGGTACTG 6

RESULT 283
US-08-487-826B-45
; Sequence 45, Application US/08487826B
; Patent No. 5993827
; GENERAL INFORMATION:

```

```

; APPLICANT: Sim, Kim L.
; APPLICANT: Chitnis, Chetan
; APPLICANT: Miller, Louis H.
; APPLICANT: Peterson, David S.
; APPLICANT: Su, Xin-zhaun
; APPLICANT: Wellem, Thomas E.
; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
; TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe Martens Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: California
; COUNTRY: US
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,826B
; FILING DATE: 10-SEP-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Israel, Ned
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: NIH121.001CPI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-487-826B-45

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 4e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 842 CAGAACACAGCCCCCACT 860
DB 1 CAGWASTCTCSCCCCACT 19

RESULT 284
US-09-289-267-140/c
; Sequence 140, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-289-267-140

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Query Match 1.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 355 CCAACCTGCAGCA 367  
DB 18 CCAACCTGCAGCA 6

## RESULT 285

US-09-435-296-63/c

; Sequence 63, Application US/09435296  
; Patent No. 6171860  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION  
; FILE REFERENCE: RTS-0116  
; CURRENT APPLICATION NUMBER: US/09/435,296  
; CURRENT FILING DATE: 1999-11-05  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 63  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-435-296-63

Query Match 1.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 452 TGCCTTCAGGAA 464  
DB 16 TGCCTTCAGGAA 4

## RESULT 286

US-09-103-875-115/c

; Sequence 115, Application US/09103875A  
; Patent No. 6221849  
; GENERAL INFORMATION:  
; APPLICANT: Szvf, Moshe  
; APPLICANT: Bigey, Pascal  
; APPLICANT: Ramchandani, Shyam  
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE  
; FILE REFERENCE: 106101.194  
; CURRENT APPLICATION NUMBER: US/09/103,875A  
; CURRENT FILING DATE: 1998-06-24  
; EARLIER APPLICATION NUMBER: 60/069,865  
; EARLIER FILING DATE: 1997-12-17  
; EARLIER APPLICATION NUMBER: 08/866,340  
; EARLIER FILING DATE: 1997-05-30  
; NUMBER OF SEQ ID NOS: 138  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 115  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide

Query Match 1.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 827 TGCTGAAGCTGGT 839  
|||||

Db 20 TGCTGAAGCTGGT 8

## RESULT 287

US-09-103-875-116  
; Sequence 116, Application US/09103875A  
; Patent No. 6221849  
; GENERAL INFORMATION:  
; APPLICANT: Szvf, Moshe  
; APPLICANT: Bigey, Pascal  
; APPLICANT: Ramchandani, Shyam  
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE  
; FILE REFERENCE: 106101.194  
; CURRENT APPLICATION NUMBER: US/09/103,875A  
; CURRENT FILING DATE: 1998-06-24  
; EARLIER APPLICATION NUMBER: 60/069,865  
; EARLIER FILING DATE: 1997-12-17  
; EARLIER APPLICATION NUMBER: 08/866,340  
; EARLIER FILING DATE: 1997-05-30  
; NUMBER OF SEQ ID NOS: 138  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 116  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide

US-09-103-875-116

Query Match 1.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 827 TGCTGAAGCTGGT 839  
|||||  
DB 1 TGCTGAAGCTGGT 13

## RESULT 288

US-09-377-309-56/c  
; Sequence 56, Application US/09377309B  
; Patent No. 6258790  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Condon, Tom P.  
; APPLICANT: Cowsett, Lex M.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION  
; FILE REFERENCE: ISPH-0390  
; CURRENT APPLICATION NUMBER: US/09/377,309B  
; CURRENT FILING DATE: 1999-08-19  
; EARLIER APPLICATION NUMBER: 09/166,203  
; EARLIER FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 99  
; SEQ ID NO 56  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: control sequence

Query Match 1.6%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 810 AACCTGGTACTG 822  
|||||  
DB 18 AACCTGGTACTG 6

## RESULT 289

schu568-1.rni

Fri Jul 30 10:32:07 2004

US-09-350-326-1/c  
 ; Sequence 1, Application US/09350326  
 ; Patent No. 6290966  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cox, Jeffery S.  
 ; APPLICANT: Jacobs, Jr., William R.  
 ; TITLE OF INVENTION: DIMUTANTS OF MYCOBACTERIA AND USES THEREOF  
 ; FILE REFERENCE: 96700/565  
 ; CURRENT APPLICATION NUMBER: US/09/350,326  
 ; CURRENT FILING DATE: 1999-07-09  
 ; NUMBER OF SEQ ID NOS: 4  
 ; SEQ ID NO 1  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: primer  
 ; LOCATION:  
 ; OTHER INFORMATION: primer o84L-F  
 US-09-350-326-1

Query Match 1.6%; Score 13; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 4e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 CTGGTGATGAGCC 871  
 Db 20 CTGGTGATGAGCC 8

RESULT 290  
 US-09-210-288-33  
 ; Sequence 33, Application US/09210288  
 ; Patent No. 6392026  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Sim, Kim L.  
 ; APPLICANT: Chitnis, Chetan  
 ; APPLICANT: Miller, Louis H.  
 ; APPLICANT: Peterson, David S.  
 ; APPLICANT: Su, Xin-zhaun  
 ; APPLICANT: Wellens, Thomas E.  
 ; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX  
 ; AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS  
 ; NUMBER OF SEQUENCES: 37  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Knobbe Martens Olson & Bear  
 ; STREET: 620 Newport Center Drive 16th Floor  
 ; CITY: Newport Beach  
 ; STATE: California  
 ; COUNTRY: US  
 ; ZIP: 92660  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/210,288  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fuller, Michael  
 ; REGISTRATION NUMBER: 36,516  
 ; REFERENCE/DOCKET NUMBER: NIH121.1FWDV1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (619) 235-8550  
 ; TELEFAX: (619) 235-0178  
 ; INFORMATION FOR SEQ ID NO: 33:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear

; MOLECULE TYPE: CDNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; FRAGMENT TYPE:  
 ; ORIGINAL SOURCE:  
 US-09-210-288-33

Query Match 1.6%; Score 13; DB 1; Length 20;  
 Best Local Similarity 68.4%; Pred. No. 4e+02;  
 Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 842 CAGAACACAGCCCCCACT 860  
 Db 1 CAGWASTCTSCCCCACT 19

RESULT 291  
 US-09-853-768-66  
 ; Sequence 66, Application US/09853768  
 ; Patent No. 6444466  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Donna T. Ward  
 ; APPLICANT: Andrew T. Watt  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION  
 ; FILE REFERENCE: RTS-0217  
 ; CURRENT APPLICATION NUMBER: US/09/853,768  
 ; CURRENT FILING DATE: 2001-05-10  
 ; NUMBER OF SEQ ID NOS: 91  
 ; SEQ ID NO 66  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-853-768-66

Query Match 1.6%; Score 13; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 4e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 265 GGAGCACCTTCAG 277  
 Db 2 GGAGCACCTTCAG 14

RESULT 292  
 US-09-705-267A-144/C  
 ; Sequence 144, Application US/09705267A  
 ; Patent No. 6551826  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hong Zhang  
 ; APPLICANT: Susan M. Preier  
 ; APPLICANT: Andrew T. Watt  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION  
 ; FILE REFERENCE: RTS-0211  
 ; CURRENT APPLICATION NUMBER: US/09/705,267A  
 ; CURRENT FILING DATE: 2000-11-01  
 ; NUMBER OF SEQ ID NOS: 177  
 ; SEQ ID NO 144  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-705-267A-144

Query Match 1.6%; Score 13; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 4e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCCTGCTCCAGCA 415  
 Db 19 CCCTGCTCCAGCA 7

```

RESULT 293
US-08-373-124A-2433/C
; Sequence 2433, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2433:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-2433

```

```

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY 718 AATTTCAGAGCTGCG 733
DB 17 AATTTCAGAGCTGCG 2

```

```

RESULT 294
US-08-345-264A-1
; Sequence 1, Application US/08345264A
; Patent No. 5660983
; GENERAL INFORMATION:
; APPLICANT: Charles S. Levings
; APPLICANT: Ralph Dewey

```

```

; TITLE OF INVENTION: STERILITY FACTOR
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jeff Lloyd
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/345,264A
; FILING DATE: 23-NOV-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lloyd, Jeff
; REGISTRATION NUMBER: 35,589
; REFERENCE/DOCKET NUMBER: 08/345,264
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-345-264A-1

```

```

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 299 CGGGCCCTGCATGG 314
DB 1 CGGGCCCTGCATGAG 16

```

```

RESULT 295
US-08-435-628-2433/C
; Sequence 2433, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995

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; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2433:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2433

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTCAGGAGCTGCG 733
DB 17 AATTCCTGAGCTGCG 2

RESULT 296
US-08-924-183-14/c
; Sequence 14, Application US/08924183A
; Patent No. 6218109
; GENERAL INFORMATION:
; APPLICANT: Ellledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
; FILE REFERENCE: 120541-1003
; CURRENT APPLICATION NUMBER: US/08/924,183A
; CURRENT FILING DATE: 1997-09-05
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-08-924-183-14

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGAAGCTGTGGACAA 341
DB 16 AGAAGTCTGGACAA 1

RESULT 297
US-09-021-701-112
; Sequence 112, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; US-09-021-701-112

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2433:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2433

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTCAGGAGCTGCG 733
DB 17 AATTCCTGAGCTGCG 2

RESULT 296
US-08-924-183-14/c
; Sequence 14, Application US/08924183A
; Patent No. 6218109
; GENERAL INFORMATION:
; APPLICANT: Ellledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
; FILE REFERENCE: 120541-1003
; CURRENT APPLICATION NUMBER: US/08/924,183A
; CURRENT FILING DATE: 1997-09-05
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-08-924-183-14

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGAAGCTGTGGACAA 341
DB 16 AGAAGTCTGGACAA 1

RESULT 297
US-09-021-701-112
; Sequence 112, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; US-09-021-701-112

; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: Probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-021-701-112

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 134 GTCGTCTTTGGGGCT 149
DB 1 GTCGTCTTTGGGGAT 16

RESULT 298
US-09-488-364-14/c
; Sequence 14, Application US/09488364
; Patent No. 6307015
; GENERAL INFORMATION:
; APPLICANT: Ellledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
; FILE REFERENCE: 120541-1013
; CURRENT APPLICATION NUMBER: US/09/488,364
; CURRENT FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-488-364-14

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;

```



APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MEH00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; PRIOR FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 409  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-409

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 474 GAACITGGCATTCTC 489  
Db 17 GTACTGGCATTCTC 2

RESULT 302

US-09-474-432B-857/C  
; Sequence 857, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpelsky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MEH00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 857  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-857

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 CCTGGTACTGTGGGT 827  
Db 17 CCCAGGTACTGTGGGT 2

RESULT 303

US-08-541-939-13  
; Sequence 13, Application US/08541939  
; Patent No. 6541238  
; GENERAL INFORMATION:  
; APPLICANT: Saxena, Inder M.  
; APPLICANT: Lin, Fong C.  
; APPLICANT: Brown, R. M.  
; TITLE OF INVENTION: Recombinant Cellulose Synthase  
; NUMBER OF SEQUENCES: 15  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 77210  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/541,939  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/222,322  
; FILING DATE: 04-APR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mayfield, Denise L.  
; REGISTRATION NUMBER: 33,732  
; REFERENCE/DOCKET NUMBER: UTSB:564/MAY  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 512/418-3000  
; TELEFAX: 512/474-7577  
; TELEX: N/A  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 6  
; OTHER INFORMATION: /mod\_base= OTHER  
; OTHER INFORMATION: /note= "N = Inosine"  
US-08-541-939-13

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 ATGAGTCAACAGCTGGG 961  
Db 1 ATGAGCAACTGATGGG 17

RESULT 304

US-09-371-772B-1346  
; Sequence 1346, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B

```
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1346
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-1346

Query Match
Best Local Similarity 25.0%; Score 12.8; DB 1; Length 17;
Matches 4; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

Qy 928 CTTTCAGGTTTGTGTT 943
Db 1 CUUUCACUUUUUUUU 16

RESULT 305
US-09-371-772B-5599
; Sequence 5599, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5599
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-5599

Query Match
Best Local Similarity 25.0%; Score 12.8; DB 1; Length 17;
Matches 4; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

Qy 928 CTTTCAGGTTTGTGTT 943
Db 2 CUUUCACUUUUUUUU 17

RESULT 306
US-09-476-387-408/c
; Sequence 408, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
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; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-476-387-408

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 474 GAACCTGGCATTCTC 489
Db 17 GTACTGGCATTCTC 2

RESULT 307
US-09-476-387-856/c
; Sequence 856, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 856
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-476-387-856

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 812 CCTGTGTTCTGTGGT 827
Db 17 CCCAGGTACTGTGGT 2

RESULT 308
US-09-866-108A-1787/c
```

Sequence 1787, Application US/09866108A

Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AEOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aecomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 1787  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-1787

Query Match 1.5%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 379 CGTCTCTGCTGGCGG 394

Db 17 CTTCTCTGCTGGCAGG 2

RESULT 309

US-09-866-108A-1788/c

Sequence 1788, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aecomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 1788  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-1788

Query Match 1.5%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 379 CGTCTCTGCTGGCGG 394

Db 16 CTTCTCTGCTGGCAGG 1

RESULT 310

US-09-866-108A-6595

Sequence 6595, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755



```

; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 6595
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6595

```

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels

Qy	197	CAGTTTCTGGGTTC	212
Db	2	CAGCTTGCTGGGTTC	17

RESULT 311

US-09-866-108A-6596  
/ Sequence 6596, Application US/09866108A  
/ Patent No. 6686188  
/ GENERAL INFORMATION:  
/ APPLICANT: GU, Yizhong  
/ APPLICANT: JI, Yonggang  
/ APPLICANT: PENN, Sharron G.  
/ APPLICANT: HANZEL, David K.  
/ APPLICANT: RANK, David R.  
/ APPLICANT: CHEN, Wensheng  
/ APPLICANT: SHANNON, Mark  
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSION  
/ FILE REFERENCE: AEMICA-7  
/ CURRENT APPLICATION NUMBER: US/09/866,108A  
/ CURRENT FILING DATE: 2001-05-25  
/ PRIOR APPLICATION NUMBER: US 60/207,456  
/ PRIOR FILING DATE: 2000-05-26  
/ PRIOR APPLICATION NUMBER: GB 24263.6  
/ PRIOR FILING DATE: 2000-10-04  
/ PRIOR APPLICATION NUMBER: US 60/236,359  
/ PRIOR FILING DATE: 2000-09-27  
/ PRIOR APPLICATION NUMBER: PCT/US01/006665  
/ PRIOR FILING DATE: 2001-01-30  
/ PRIOR APPLICATION NUMBER: PCT/US01/00667  
/ PRIOR FILING DATE: 2001-01-30  
/ PRIOR APPLICATION NUMBER: PCT/US01/00664  
/ PRIOR FILING DATE: 2001-01-30  
/ PRIOR APPLICATION NUMBER: PCT/US01/00669  
/ PRIOR FILING DATE: 2001-01-30  
/ PRIOR APPLICATION NUMBER: PCT/US01/00665  
/ PRIOR FILING DATE: 2001-01-30  
/ PRIOR APPLICATION NUMBER: PCT/US01/00668  
/ PRIOR FILING DATE: 2001-01-30  
/ PRIOR APPLICATION NUMBER: PCT/US01/00663  
/ PRIOR FILING DATE: 2001-01-30  
/ Remaining Prior Application data removed -  
/ NUMBER OF SEQ ID NOS: 15755  
/ SOFTWARE: Aemica Sequence Listing Engine  
/ Patent No. 6686188  
/ SEQ ID NO 6596  
/ LENGTH: 17  
/ TYPE: DNA  
/ ORGANISM: Homo sapiens  
US-09-866-108A-6596

```
Query Match      1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
```

Qy 197 CAGTTTCCTGGGTCC 212  
db 1 CAGCTTGCTGGGTCC 16

RESULT 312

```

US-09-866-108A-7586
; Sequence 7586, Application US/098666108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aetmeca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7586
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7586

```

Query Match	1.5%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%;	Pred. No. 3.3e+02;		
Matches 14;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
QY	769	AACTGGAGGAAGAGTG	784	
Db	2	AACTGAAGAGGAAGTG	17	

RESULT 313  
US-09-866-108A-7587  
; Sequence 7587, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEWICA-7  
; CURRENT APPLICATION NUMBER: US/09/866, 108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7587  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7587

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 AACTGGAGAGAGAGTG 784  
DB 1 AACTGGAGAGAGAGTG 16

RESULT 314  
US-09-866-108A-8378/c  
Sequence 8378, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8384  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8384

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGCAG 416  
DB 16 CACTCTGCTCCAGCTG 1

NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8378  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8378

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 TGTCCAGCAGGCTCT 421  
DB 17 TGTCCAGCTGGCTGT 2

RESULT 315  
US-09-866-108A-8384/c  
Sequence 8384, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8384  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8384

Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGCAG 416  
DB 16 CACTCTGCTCCAGCTG 1

RESULT 316  
PCT-US92-01358-5/c  
; Sequence 5, Application PC/TUS9201358  
; GENERAL INFORMATION:  
; APPLICANT: GENENTECH, INC.  
; TITLE OF INVENTION: METHODS FOR SELECTION OF RECOMBINANT  
; TITLE OF INVENTION: HOST CELLS EXPRESSING HIGH LEVELS OF A DESIRED PROTEIN  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genentech, Inc.  
; STREET: 460 Point San Bruno Blvd  
; CITY: South San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patin (Genentech)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US92/01358  
; FILING DATE: 19920220  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/677,045  
; FILING DATE: 23 MAR 1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hensley, Max D.  
; REGISTRATION NUMBER: 27,043  
; REFERENCE/DOCKET NUMBER: 693  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415/266-1994  
; TELEFAX: 415/952-9881  
; TELEX: 910/371-7168  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 bases  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
PCT-US92-01358-5  
Query Match 1.5%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 3.3e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 535 GCCTCTTCTCGACTC 550  
DB 17 GCCTCTTCTCGACTC 2  
RESULT 317  
US-08-363-585-101  
; Sequence 101, Application US/08363585  
; Patent No. 5683872  
; GENERAL INFORMATION:  
; APPLICANT: Rudert, William A.  
; APPLICANT: Trucco, Massimo  
; TITLE OF INVENTION: Polymers of Oligonucleotide Probes  
; TITLE OF INVENTION: As The Bound Ligands For Use In Reverse  
; TITLE OF INVENTION: Dot Blots  
; NUMBER OF SEQUENCES: 112  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: University of Pittsburgh  
; STREET: Office of Intellectual Property  
; STREET: 911 William Pitt Union  
; CITY: Pittsburgh  
; STATE: Pennsylvania  
; COUNTRY: USA  
; ZIP: 15260  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 5-1/4" low density diskette

COMPUTER: IBM PC or compatibles  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: ASCII  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/363,585  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/786,228  
; FILING DATE: 31-OCT-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frederick H. Cohen; Mary-Elizabeth Buckles  
; REGISTRATION NUMBER: 28,061; 31,907  
; REFERENCE/DOCKET NUMBER: 92-232  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 412/288-4164  
; TELEFAX: 412/288-3063  
; TELEX: 277871  
; INFORMATION FOR SEQ ID NO: 101:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: genomic DNA  
; PUBLICATION INFORMATION:  
; AUTHORS: Kimura, A.  
; AUTHORS: Sasazuki, T.  
; TITLE: Eleventh International Histocompatibility  
; TITLE: Workshop Reference Protocol for the HLA-DNA-Typing  
; TITLE: Technique  
; JOURNAL: HLA 1991  
; VOLUME: 1  
; PAGES: 397-419  
; DATE: 1992  
; RELEVANT RESIDUES IN SEQ ID NO: 101: 1 to 18  
US-08-363-585-101  
Query Match 1.5%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 458 CCAGGAGAGCTCCAG 473  
DB 1 CCAGGAGAGCTCTCTG 16  
RESULT 318  
US-08-657-884-13/c  
; Sequence 13, Application US/08657884  
; Patent No. 5858981  
; GENERAL INFORMATION:  
; APPLICANT: SCHREIBER, ALAN D.  
; APPLICANT: PARK, JONG-GU  
; TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NIXON & VANDERHVE P.C.  
; STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR  
; CITY: ARLINGTON  
; STATE: VIRGINIA  
; COUNTRY: U.S.A.  
; ZIP: 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/657,884  
; FILING DATE: 07-JUN-1996  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:

NAME: WILSON, MARY J.  
 REGISTRATION NUMBER: 32,955  
 REFERENCE/DOCKET NUMBER: 555-46  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 816-4000  
 TELEFAX: (703) 816-4100  
 INFORMATION FOR SEQ ID NO: 13:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-657-884-13

Query Match 1.5%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 GCTGGCGGGCACAC 401  
 Db 17 GCCGGAGGGCACAC 2

RESULT 319

US-08-585-684B-2684/c  
 ; Sequence 2684, Application US/08585684B  
 ; Patent No. 5877021  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Daniel T.  
 ; APPLICANT: Jarvis, Thale  
 ; APPLICANT: McSwigen, James  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
 ; NUMBER OF SEQUENCES: 2751  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSeq Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/585,684B  
 FILING DATE: January 16, 1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/000,951  
 FILING DATE: July 7, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/078  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 2684:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-585-684B-2684

Query Match 1.5%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 770 ACTGGAGAAGACTGT 785  
 Db 18 ACTGGAGCAGCAGTGT 3

RESULT 320

US-08-958-642-15  
 ; Sequence 15, Application US/08958642  
 ; Patent No. 5948623  
 ; GENERAL INFORMATION:  
 ; APPLICANT:  
 ; APPLICANT:  
 ; TITLE OF INVENTION: NOVEL METHOD FOR TESTING THE  
 ; TITLE OF INVENTION: DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL  
 ; NUMBER OF SEQUENCES: 16  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/958,642  
 ; FILING DATE:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/778,423  
 ; FILING DATE: December 31, 1996  
 ; INFORMATION FOR SEQ ID NO: 15:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid  
 ; DESCRIPTION: /desc = "Oligonucleotide"  
 ; US-08-958-642-15

Query Match 1.5%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 455 CTCACAGAGAGCTC 470  
 Db 1 CTCACAGAGAGCTC 16

RESULT 321

US-09-212-771-16  
 ; Sequence 16, Application US/09212771  
 ; Patent No. 5958773  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Lex M. Cowser  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-1 EXPRESSION  
 ; FILE REFERENCE: RFS-0034  
 ; CURRENT APPLICATION NUMBER: US/09/212,771  
 ; CURRENT FILING DATE: 1998-12-16  
 ; NUMBER OF SEQ ID NOS: 47  
 ; SEQ ID NO 16  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 ; US-09-212-771-16

Query Match 1.5%; Score 12.8; DB 1; Length 18;  
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CAGAGAGCTGTGGAG 338

Db 3 CAGAGAAGTTGTGAG 18  
|||||  
RESULT 322  
US-08-864-473-47/c  
; Sequence 47, Application US/08864473  
; Patent No. 6027889  
; GENERAL INFORMATION:  
; APPLICANT: Barany, Francis  
; APPLICANT: Lubin, Matthew  
; TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING  
; FILE REFERENCE: 19603/441  
; CURRENT APPLICATION NUMBER: US/08/864,473  
; EARLIER FILING DATE: 1997-05-28  
; EARLIER APPLICATION NUMBER: 60/018,532  
; EARLIER FILING DATE: 1996-05-29  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 47  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Oligonucleotide Sequence  
US-08-864-473-47  
Query Match 1.5%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 297 GTCGGGGCCTGCATG 312  
Db 18 GTCGGGGCCTGCATG 3  
|||||  
RESULT 323  
US-08-485-942A-66/c  
; Sequence 66, Application US/08485942A  
; Patent No. 6048837  
; GENERAL INFORMATION:  
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,  
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE  
; TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS  
; TITLE OF INVENTION: AMENDED)  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/485,942A  
; FILING DATE: JUNE 7, 1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/438,431  
; FILING DATE: May 10, 1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: No. 6048837ember 30, 1994  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/292,345  
; FILING DATE: August 17, 1994  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 66:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: sequence tagged-site specific PCR primer SWSS1392  
; HYPOTHEetical: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Human  
US-08-485-942A-66  
Query Match 1.5%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 313 GGAAGACTGCAGAGA 328  
Db 18 GAAAGAGTGCAGAGA 3  
|||||  
RESULT 324  
US-08-778-423A-15  
; Sequence 15, Application US/08778423A  
; Patent No. 6071697  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: NOVEL METHOD FOR TESTING THE  
; TITLE OF INVENTION: DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL  
; NUMBER OF SEQUENCES: 16  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/778,423A  
; FILING DATE: December 31, 1996  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "oligonucleotide"  
US-08-778-423A-15  
Query Match 1.5%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 455 CTTCCAGGAGAGCTC 470  
Db 1 CTTCCAGGAGAGCTC 16  
|||||  
RESULT 325  
US-08-846-020A-32/c

Sequence 32, Application US/08846020A  
Patent No. 6090547

## GENERAL INFORMATION:

APPLICANT: Drzen M.D., Jeffrey M.

APPLICANT: In M.D., Kwang-Ho

APPLICANT: Asano M.D., Koichiro

APPLICANT: Beier, David

APPLICANT: Grobholz, James

TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence

TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients

NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSEE: CHOATE, HALL & STEWART

STREET: 53 State Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2891

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/846,020A

FILING DATE:

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Jarrell Ph.D., Brenda H.

REGISTRATION NUMBER: 39,223

REFERENCE/DOCKET NUMBER: 0092662-0012

TELEPHONE: (617) 248-5000

TELEFAX: (617) 248 4000

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "primer"

IMMEDIATE SOURCE:

CLONE: Exon 9 sense primer

US-08-846-020A-32

Query Match 1.5%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 951 CAACAGCTGGGAGGG 966

Db 16 CAGCAGCTGGGAGGG 1

RESULT 326

US-08-214A-66/c

Sequence 66, Application US/08488214A

Patent No. 6124439

GENERAL INFORMATION:

APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, AND STEPHEN K. BURL

APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND METHOD OF MAKING

TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING

TITLE OF INVENTION: (AS AMENDED)

NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,214A

FILING DATE: JUNE 7, 1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/438,431

FILING DATE: May 10, 1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/347,563

FILING DATE: No. 6124439ember 30, 1994

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 66:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: sequence tagged-site specific PCR primer swss1392

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Human

US-08-488-214A-66

Query Match 1.5%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAGACTGCAGAGA 328

Db 18 GAAAGAATGCAGAGA 3

RESULT 327

US-08-488-208A-66/c

Sequence 66, Application US/08488208A

Patent No. 6124448

GENERAL INFORMATION:

APPLICANT: THE ROCKEFELLER UNIVERSITY

TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING

TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC

TITLE OF INVENTION: USES THEREOF

NUMBER OF SEQUENCES: 98

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25



```

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-158-980-13

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 GCTGGGGGACACAC 401
   |||||
Db 17 GCGGAGGACACAC 2

RESULT 330
US-09-440-523-47/c
; Sequence 47, Application US/09440523
; Patent No. 6268148
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Lubin, Matthew
; TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING
; FILE REFERENCE: 19603/441
; CURRENT APPLICATION NUMBER: US/09/440,523
; PRIOR FILING DATE: 1999-11-15
; PRIOR APPLICATION NUMBER: 08/864,473
; PRIOR FILING DATE: 1997-05-28
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence
; OTHER INFORMATION: Oligonucleotide Sequence
US-09-440-523-47

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 297 GTCGGGGCCCTGGCATG 312
   |||||
Db 18 GTCGGGGCCCTGGATG 3

RESULT 331
US-08-483-211A-66/c
; Sequence 66, Application US/08483211A
; Patent No. 6309853
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/483,211A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6309853ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer swss1392
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-483-211A-66

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAGACTCCAGAGA 328
   |||||
Db 18 GAAAGAATCCAGAGA 3

RESULT 332
US-08-488-223A-66/c
; Sequence 66, Application US/08488223A
; Patent No. 6350730
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
; ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/488,223A
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: <Unknown>
```



APPLICATION NUMBER: 08/347,563  
FILING DATE: NO. 6350730ember 30, 1994  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer sWSS1392  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORGANISM: Human  
SEQUENCE DESCRIPTION: SEQ ID NO: 66:  
US-08-488-223A-66

Query Match 1.5%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 313 GGAAGACTGCACAGA 328  
DB 18 GAAAGATGCACAGA 3

RESULT 333  
US-09-617-871-32/c  
Sequence 32, Application US/09617871  
Patent No. 6355434  
GENERAL INFORMATION:  
APPLICANT: Drzen M.D., Jeffrey M.  
APPLICANT: In M.D., Kwang-Ho  
APPLICANT: Asano M.D., Koichiro  
APPLICANT: Beier, David  
APPLICANT: Grobholz, James  
TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence  
TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHOATE, HALL & STEWART  
STREET: 53 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2891  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/617,871  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/846,020  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jarrell Ph.D., Brenda H.  
REGISTRATION NUMBER: 39,223  
REFERENCE/DOCKET NUMBER: 0092662-0012  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 248-5000  
TELEFAX: (617) 248 4000  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
IMMEDIATE SOURCE:  
CLONE: Exon 9 sense primer  
US-09-617-871-32

Query Match 1.5%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 3.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 951 CAACAGCTGGCAGGG 966  
DB 16 CAGCAGCTGGGAGGG 1

RESULT 334  
US-08-438-431A-66/c  
Sequence 66, Application US/08438431A  
Patent No. 6429290  
GENERAL INFORMATION:  
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/438,431A  
FILING DATE: May 10, 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6429290ember 30, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer sWSS1392  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

```
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-438-431A-66

Query Match          1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAGACTGCAGAGA 328
Db 18 GAAAGAGATGCAGAGA 3

RESULT 335
US-08-488-225A-66/c
; Sequence 66, Application US/08488225A
; Patent No. 6471956
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,225A
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/483,211
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6471956ember 30, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer
; DESCRIPTION: SWS1392
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
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; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-488-225A-66

Query Match          1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAGACTGCAGAGA 328
Db 18 GAAAGAGATGCAGAGA 3

RESULT 336
US-09-422-978-7334
; Sequence 7334, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7334.
; TYPE: DNA
; LENGTH: 18
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3749 for SEQ 3400,
US-09-422-978-7334

Query Match          1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 324 AGAAGACTGTGGAGC 339
Db 2 AGAAGACTGTGGAGC 17

RESULT 337
US-09-422-978-9227/c
; Sequence 9227, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9227
; LENGTH: 18
; TYPE: DNA
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/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: downstream amplification primer 99-23312 for SEQ 1362, in complete
US-09-422-978-9227

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGCAGGCT 419
Db 18 CCTGCTCCAGTATGCT 3

RESULT 338
US-09-422-978-11175
Sequence 11175, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11175
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
/ OTHER INFORMATION: downstream amplification primer 99-3147 for SEQ 3310, in complete
US-09-422-978-11175

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 792 AAACGTGCAGGACTGAC 807
Db 3 ACACAGCAGGACTGAC 18

RESULT 339
US-09-811-492-13/c
Sequence 13, Application US/09811492
Patent No. 6638764
GENERAL INFORMATION:
APPLICANT: SCHREIBER, ALAN D.
TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: downstream amplification primer 99-23312 for SEQ 1362, in complete
US-09-422-978-9227

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGCAGGCT 419
Db 18 CCTGCTCCAGTATGCT 3

RESULT 338
US-09-422-978-11175
Sequence 11175, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11175
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
/ OTHER INFORMATION: downstream amplification primer 99-3147 for SEQ 3310, in complete
US-09-422-978-11175

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 792 AAACGTGCAGGACTGAC 807
Db 3 ACACAGCAGGACTGAC 18

RESULT 339
US-09-811-492-13/c
Sequence 13, Application US/09811492
Patent No. 6638764
GENERAL INFORMATION:
APPLICANT: SCHREIBER, ALAN D.
TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/811,492
/ FILING DATE: 19-Jul-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/657,884
/ FILING DATE: 07-JUN-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: WILSON, MARY J.
/ REGISTRATION NUMBER: 32,955
/ REFERENCE/DOCKET NUMBER: 555-46
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 816-4000
/ TELEFAX: (703) 816-4100
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (Genomic)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-811-492-13

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 GCTGCGGCGCACAC 401
Db 17 GCGGAGGCGCACAC 2

RESULT 340
US-08-302-449-40/c
Sequence 40, Application US/08302449
Patent No. 5679835
GENERAL INFORMATION:
APPLICANT: Matalon, Reuben
APPLICANT: Kaul, Rajinder
APPLICANT: Cao, Guang Ping
APPLICANT: Balamurugan, Kuppareddi
APPLICANT: Michals-Matalon, Kimberlee
TITLE OF INVENTION: Aspartocyclase Gene, Protein, and
TITLE OF INVENTION: Methods of Screening for Mutations Associated with Canavan
TITLE OF INVENTION: Disease
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Millen, White, Zelano & Branigan, P.C.
STREET: 2200 Clarendon Boulevard, Suite 1400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22201
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/302,449
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/128,020
FILING DATE: 29-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07430
FILING DATE: 05-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hamlet-King, Diana
```

```

Query Match      1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      198 AGTTTCCTGGGTTCCC 213
      |||||
Db      4 AGTTTCCTGTGTACCC 19
      |||||

RESULT 342
US-08-338-579A-45/c
; Sequence 45, Application US/08338579A
; Patent No. 6068975
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,579A
; FILING DATE: June 17, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX:
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-338-579A-45

Query Match      1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      818 TACTGTGGGTCGTCAA 833
      |||||
Db      19 TACTGTGGGTCGTAA 4
      |||||

RESULT 343
US-08-469-260A-671
; Sequence 671, Application US/08469260A
; Patent No. 6451578
; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; APPLICANT: TAMI J. PILOT-MATIAS
; APPLICANT: GEORGE J. DAWSON
; APPLICANT: GEORGE G. SCHLAUDER

```

APPLICANT: SURESH M. DESAI  
APPLICANT: THOMAS P. LEARY  
APPLICANT: ANTHONY SCOTT MUERHOFF  
APPLICANT: JAMES C. ERKER  
APPLICANT: SHERI L. BUIJK  
APPLICANT: ISA K. MUSHAWAR  
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS  
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE  
NUMBER OF SEQUENCES: 716  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ABBOTT LABORATORIES D377/AP6D  
STREET: 100 ABBOTT PARK ROAD  
CITY: ABBOTT PARK  
STATE: IL  
COUNTRY: USA  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,260A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/424,550  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: FOREMSKI, PRISCILLA E.  
REGISTRATION NUMBER: 33,207  
REFERENCE/DOCKET NUMBER: 5527.PC.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 708-937-6365  
TELEFAX: 708-938-2623  
INFORMATION FOR SEQ ID NO: 671:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-469-260A-671

Query Match 1.5%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 198 AGTTTCTGCTGCC 213  
Db 4 AGTTTCTGCTGCC 19

## RESULT 344

US-09-422-978-4880  
Sequence 4880, Application US/09422978  
Patent No. 6537751

GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 4880

LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: upstream amplification primer 99-18406 for SEQ 946,  
US-09-422-978-4880

Query Match 1.5%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 204 CTGGTTCCAGCCCT 219  
Db 2 CTGGTTCCAGCCCT 17

## RESULT 345

US-09-422-978-9367/c  
Sequence 9367, Application US/09422978  
Patent No. 6537751

GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 9367  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: downstream amplification primer 99-25716 for SEQ 1502, in complete  
US-09-422-978-9367

Query Match 1.5%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 461 GGAGAGCTCCAGAA 476  
Db 18 GGAGAGCTCCAGAA 3

## RESULT 346

US-08-488-446-671  
Sequence 671, Application US/08488446  
Patent No. 6558898

GENERAL INFORMATION:  
APPLICANT: JOHN N. SIMONS  
APPLICANT: TAMI J. PILOT-MATTIAS  
APPLICANT: GEORGE J. DAWSON  
APPLICANT: GEORGE G. SCHLAUDER  
APPLICANT: SURESH M. DESAI  
APPLICANT: THOMAS P. LEARY  
APPLICANT: ANTHONY SCOTT MUERHOFF  
APPLICANT: JAMES C. ERKER  
APPLICANT: SHERI L. BUIJK  
APPLICANT: ISA K. MUSHAWAR  
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS  
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE



```

; APPLICANT: Cao, Guang Ping
; APPLICANT: Balamurugan, Kuppareddi
; APPLICANT: Michalis-Matalon, Kimberlee
; TITLE OF INVENTION: Aspartacylase Gene, Protein, and
; TITLE OF INVENTION: Methods of Screening for Mutations Associated with Canavan
; TITLE OF INVENTION: Disease
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Millen, White, Zelanc & Branigan, P.C.
; STREET: 2200 Clarendon Boulevard, Suite 1400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22201
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/07430
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/128,020
; FILING DATE: 29-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Hamlet-King, Diana
; REGISTRATION NUMBER: 33,302
; REFERENCE/DOCKET NUMBER: SHUTT 1PO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-243-6333
; TELEFAX: 703-243-6410
; TELEX: 64191
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US94-07430-40

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```

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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OY 667 AGCTGAGGCTCAGCA 682
Db 16 AGCTGAAGCTCAGCA 1

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RESULT 350
PCT-US94-09851-45/c
; Sequence 45, Application PC/TUS9409851
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09851
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US94-09851-45

```

```

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

OY 818 TACTGTGGTGTCTGAA 833
Db 19 TACTGTGGTGTCTGAA 4

```

```

RESULT 351
US-08-031-143B-58/c
; Sequence 58, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA: US/08/031,143B
; APPLICATION NUMBER: US/08/031,143B
; FILING DATE: 12-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE:

```

DESCRIPTION: OLIGONUCLEOTIDE  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 ORIGINAL SOURCE:  
 ORGANISM: HUMAN  
 INDIVIDUAL ISOLATE: IL-2R  
 US-08-031-143B-58

Query Match 1.5%; Score 12.6; DB 1; Length 19;  
 Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 448 CAGATGCTTCCAGGAAGA 466  
 |||||  
 Db 19 CAAGTGCCTCCAGCAAGA 1

RESULT 352  
 US-07-999-071-12  
 ; Sequence 12, Application US/07999071  
 ; Patent No. 5691196  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mak, Paul  
 ; APPLICANT: Karathanasis, Sotirios K.  
 ; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X  
 ; TITLE OF INVENTION: Receptor Agonists and Antagonists  
 ; NUMBER OF SEQUENCES: 19  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: American Cyanamid Company  
 ; STREET: One Cyanamid Plaza  
 ; CITY: Wayne  
 ; STATE: New Jersey  
 ; COUNTRY: USA  
 ; ZIP: 07470  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patentin Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/07/999,071  
 ; FILING DATE: 31-DEC-1992  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Tsevdos, Estelle J.  
 ; REGISTRATION NUMBER: 31145  
 ; REFERENCE/DOCKET NUMBER: 31941  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (201) 831-3241  
 ; TELEFAX: (201) 831-3305  
 ; INFORMATION FOR SEQ ID NO: 12:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 19 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: double  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-07-999-071-12

Query Match 1.5%; Score 12.6; DB 1; Length 19;  
 Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 806 ACTGAACCTTGGTACTGTG 824  
 |||||  
 Db 1 ACTGAACCTTGGTACTGTG 19

RESULT 353  
 US-08-469-122-12  
 ; Sequence 12, Application US/08469122  
 ; Patent No. 5700650  
 ; GENERAL INFORMATION:

APPLICANT: Mak, Paul  
 APPLICANT: Karathanasis, Sotirios K.  
 TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X  
 TITLE OF INVENTION: Receptor Agonists and Antagonists  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: American Cyanamid Company  
 STREET: One Cyanamid Plaza  
 CITY: Wayne  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07470  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/469,122  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/999,071  
 FILING DATE: 31-DEC-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Tsevdos, Estelle J.  
 REGISTRATION NUMBER: 31145  
 REFERENCE/DOCKET NUMBER: 31941  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (201) 831-3241  
 TELEFAX: (201) 831-3305  
 INFORMATION FOR SEQ ID NO: 12:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-469-122-12

Query Match 1.5%; Score 12.6; DB 1; Length 19;  
 Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 806 ACTGAACCTTGGTACTGTG 824  
 |||||  
 Db 1 ACTGAACCTTGGTACTGTG 19

RESULT 354  
 US-08-465-783-12  
 ; Sequence 12, Application US/08465783  
 ; Patent No. 5700682  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mak, Paul  
 ; APPLICANT: Karathanasis, Sotirios K.  
 ; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X  
 ; TITLE OF INVENTION: Receptor Agonists and Antagonists  
 ; NUMBER OF SEQUENCES: 19  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: American Cyanamid Company  
 ; STREET: One Cyanamid Plaza  
 ; CITY: Wayne  
 ; STATE: New Jersey  
 ; COUNTRY: USA  
 ; ZIP: 07470  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patentin Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/465,783



;; FILING DATE: 435  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA: US 07/999,071  
;; APPLICATION NUMBER: 31-DEC-1992  
;; FILING DATE: 31-DEC-1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Tsevdos, Estelle J.  
;; REGISTRATION NUMBER: 31145  
;; REFERENCE/DOCKET NUMBER: 31941  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (201) 831-3241  
;; TELEFAX: (201) 831-3305  
;; INFORMATION FOR SEQ ID NO: 12:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: double  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
US-08-465-783-12  
Query Match 1.5%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 806 ACTGAACCCCTGTACTGTG 824  
Db 1 ACTGAACCCCTTGAACCCGTG 19  
RESULT 355  
US-08-469-120-12  
; Sequence 12, Application US/08469120  
; Patent No. 5714595  
; GENERAL INFORMATION:  
; APPLICANT: Mak, Paul  
; APPLICANT: Karathanasis, Sotirios X.  
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X  
; TITLE OF INVENTION: Receptor Agonists and Antagonists  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: American Cyanamid Company  
; STREET: One Cyanamid Plaza  
; CITY: Wayne  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07470  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/469,120  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA: US 07/999,071  
; APPLICATION NUMBER: 31-DEC-1992  
; FILING DATE: 31-DEC-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Tsevdos, Estelle J.  
; REGISTRATION NUMBER: 31145  
; REFERENCE/DOCKET NUMBER: 31941  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (201) 831-3241  
; TELEFAX: (201) 831-3305  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)

US-08-469-120-12  
Query Match 1.5%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 806 ACTGAACCCCTGTACTGTG 824  
Db 1 ACTGAACCCCTTGAACCCGTG 19  
RESULT 356  
US-08-983-108-22  
; Sequence 22, Application US/08983108  
; Patent No. 5972612  
; GENERAL INFORMATION:  
; APPLICANT: Malmqvist, Magnus  
; APPLICANT: Persson, Bjorn  
; TITLE OF INVENTION: METHOD FOR NUCLEIC ACID SEQUENCING  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/983,108  
; FILING DATE: 15-MAY-1998  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Loo, Thomas E.  
; REGISTRATION NUMBER: 41,181  
; REFERENCE/DOCKET NUMBER: 740073.441US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 22:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-983-108-22  
Query Match 1.5%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 486 CCTCAGGATCTAATTGGAG 504  
Db 1 CCTCAGGATCTTATCCGAG 19  
RESULT 357  
US-08-430-225A-9/c  
; Sequence 9, Application US/08430225A  
; Patent No. 6204000  
; GENERAL INFORMATION:  
; APPLICANT: Dong, Jin-Tang; Barrett,  
; APPLICANT: J. Carl; Lamb, Patricia W.; Isaacs, John T.  
; TITLE OF INVENTION: DIAGNOSTIC METHODS AND  
; TITLE OF INVENTION: GENE THERAPY USING REAGENTS DERIVED FROM THE  
; TITLE OF INVENTION: HUMAN METASTASIS SUPPRESSOR GENE KAI1  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.

STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/430,225A  
FILING DATE: 28-APR-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: RICHARD W. BORK  
REGISTRATION NUMBER: 36,459  
REFERENCE/DOCKET NUMBER: 2026-4172  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
TELEX: 421792  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-430-225A-9

Query Match 1.5%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 602 GCGGTCGAGTGGCCATC 620  
Db 19 GCGGTCGAGTGGCCATC 1

RESULT 358  
US-09-527-030G-24/c  
Sequence 24, Application US/09527030G  
Patent No. 6482588  
GENERAL INFORMATION:  
APPLICANT: VAN DOORN, Leen-Jan et al.  
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and b

TITLE OF INVENTION: specific reverse hybridization.  
FILE REFERENCE: 3501-0101P  
CURRENT APPLICATION NUMBER: US/09/527,030G  
CURRENT FILING DATE: 2000-03-16  
NUMBER OF SEQ ID NOS: 497  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 24  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)

US-09-527-030G-24  
Query Match 1.5%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 856 CCAGTGTGATGAGCCCAA 874  
Db 19 CCAGTGTGATGAGCCCAA 1

RESULT 359  
US-09-435-019-47  
Sequence 47, Application US/09435019  
Patent No. 6489140

GENERAL INFORMATION:  
APPLICANT: Wisniewski, Nancy  
APPLICANT: Becher, Anna M.  
APPLICANT: Jarvis, Eric  
TITLE OF INVENTION: NOVEL FLEA ECYSONE AND ULTRASPIRACLE NUCLEIC ACID  
TITLE OF INVENTION: MOLECULES, PROTEINS AND USES THEREOF  
FILE REFERENCE: FC-4  
CURRENT APPLICATION NUMBER: US/09/435,019  
CURRENT FILING DATE: 1993-11-05  
EARLIER APPLICATION NUMBER: 60/107,559  
EARLIER FILING DATE: 1998-11-06  
NUMBER OF SEQ ID NOS: 71  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 47  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Primer  
US-09-435-019-47

Query Match 1.5%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 714 GCCAAATTCAGGAGCTGC 732  
Db 1 GCCGAAATTCAGGAGCTTC 19

RESULT 360  
US-09-216-393B-286/c  
Sequence 286, Application US/09216393B  
Patent No. 6514594  
GENERAL INFORMATION:  
APPLICANT: Milhausen, Michael James

TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THERE  
FILE REFERENCE: TX-1-C2  
CURRENT APPLICATION NUMBER: US/09/216,393B  
CURRENT FILING DATE: 1998-12-18  
PRIOR APPLICATION NUMBER: 08/994,825  
PRIOR FILING DATE: 1997-12-19  
NUMBER OF SEQ ID NOS: 366  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 286  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-216-393B-286

Query Match 1.5%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 4.5e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 877 CCATGAGTCTCCTCATGT 895  
Db 19 CCATACAGTCTCCTCGTGT 1

RESULT 361  
US-09-422-978-9031  
Sequence 9031, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET 020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978

```

; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9031
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-2084 for SEQ 1166, in compleme
US-09-422-978-9031

Query Match
Best Local Similarity 1.5%; Score 12.6; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 936 TTTTGTATTATGATGCAAC 954
DB 1 TTTTGTATTATGATGCAAC 19

RESULT 362
PCT-US94-02891-58/c
; Sequence 58, Application PC/TUS9402891
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
; APPLICANT: SERVICES
; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
; APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: XSCID
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; OPERATING SYSTEM: IBM PC COMPATIBLE
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02891
; FILING DATE:
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/031,143
; FILING DATE: 12-MAR-1993
; APPLICATION NUMBER: 08/121,435
; FILING DATE: 14-SEPT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE

```

```

; TOPOLOGY: UNKNOWN
; MOLECULE TYPE:
; DESCRIPTION: OLIGONUCLEOTIDE
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-58

Query Match
Best Local Similarity 1.5%; Score 12.6; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 448 CAGATGCTTCCAGGAAGA 466
DB 19 CAACTGCTGTCAGCAAGA 1

RESULT 363
US-09-667-135-10
; Sequence 10, Application US/09667135
; Patent No. 6521749
; GENERAL INFORMATION:
; APPLICANT: Vincent Ling
; APPLICANT: Kyriaki Dunussi-Joannopoulos
; TITLE OF INVENTION: NOVEL GL50 MOLECULES AND USES THEREFOR
; FILE REFERENCE: GNN-007
; CURRENT APPLICATION NUMBER: US/09/667,135
; CURRENT FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-667-135-10

Query Match
Best Local Similarity 1.5%; Score 12.6; DB 1; Length 22;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 400 ACACCTGCTCCAGCAGGC 418
DB 4 ACACCTGCTCCAGCAGGC 22

RESULT 364
US-08-862-337-12/c
; Sequence 12, Application US/08862337
; Patent No. 6582902
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Kenan, Daniel J.
; APPLICANT: Tsai, Donald E.
; TITLE OF INVENTION: Nucleic Acid Epitopes and Methods of
; TITLE OF INVENTION: Making and Using the Same
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and
; ADDRESSEE: Gibson
; STREET: Post Office Drawer 34009
; CITY: Charlotte
; STATE: No. 6582902th Carolina
; COUNTRY: U.S.A.
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

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;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/862,337  
;; FILING DATE: 23-MAY-1997  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/447,196  
;; FILING DATE:  
;; APPLICATION NUMBER: US/07/956,693  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Sibley, Kenneth D.  
;; REGISTRATION NUMBER: 31,665  
;; REFERENCE/DOCKET NUMBER: 5405-69  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 919-881-3140  
;; TELEFAX: 919-881-3175  
;; TELEX: 575102  
;; INFORMATION FOR SEQ ID NO: 12:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 14 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: rRNA  
US-08-862-337-12  
  
Query Match 1.5%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 404 CTTGCTCCAGCAGG 417  
Db 14 CTTGCTCCAGCAGG 1  
  
RESULT 365  
US-08-025-038-13  
; Sequence 13, Application US/08025038  
; Patent No. 5545526  
; GENERAL INFORMATION:  
; APPLICANT: BAXTER-LOWE, Lee-Ann  
; TITLE OF INVENTION: Method For HLA Typing  
; NUMBER OF SEQUENCES: 46  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 777 E. Wisconsin Avenue  
; CITY: Milwaukee  
; STATE: Wisconsin  
; COUNTRY: USA  
; ZIP: 53202-5367  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/025,038  
; FILING DATE: 19930301  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/544,218  
; FILING DATE: 27-JUN-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meyers, Philip G.  
; REGISTRATION NUMBER: 30,478  
; REFERENCE/DOCKET NUMBER: 204 854  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (414)289-3761  
; TELEFAX: (414)289-3791  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: NUCLEIC ACID

;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-025-038-13  
  
Query Match 1.5%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 452 TGGCTTCCAGGAAG 465  
Db 2 TGTCTTCCAGGAAG 15  
  
RESULT 366  
US-08-291-932A-259/c  
; Sequence 259, Application US/08291932A  
; Patent No. 5658780  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 259:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-291-932A-259  
  
Query Match 1.5%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 3.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 245 GCTCTTGAAGGACT 258  
Db 14 GCTCTTGAAGGACT 1

```

Db      15  GCTCTTGAAGGTCT 2
RESULT 367
US-08-291-932A-260/c
; Sequence 260, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; PRIOR APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 260:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-260

Query Match      1.5%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      245  GCTCTTGAAGGTCT 258
Db      14  GCTCTTGAAGGTCT 1
RESULT 368
US-08-343-998-24
; Sequence 24, Application US/08343998A
; Patent No. 6020123
; GENERAL INFORMATION:
; APPLICANT: Sonigo, Pierre
; APPLICANT: Brechot, Christian

```

Two

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; APPLICANT: Courgnard, Valerie
; TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES FOR THE AMPLIFICATION OF THE
; TITLE OF INVENTION: GENOME OF THE RETROVIRUSES OF THE HIV-2 AND SIV TYPE
; TITLE OF INVENTION: AND THEIR USES FOR IN VITRO DIAGNOSIS OF THE INFECTIONS
; TITLE OF INVENTION: DUE TO THESE VIRUSES
; FILE REFERENCE: 2356.0065-01
; CURRENT APPLICATION NUMBER: US/08/343.998A
; CURRENT FILING DATE: 1994-11-18
; EARLIER APPLICATION NUMBER: 07/820.600
; EARLIER FILING DATE: 1992-01-22
; EARLIER APPLICATION NUMBER: PCT/FR90/00394
; EARLIER FILING DATE: 1990-06-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Simian immunodeficiency virus
; FEATURE:
US-08-343-998-24

Query Match      1.5%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      759  GAGATGGCAGAACT 772
Db      2    GAGTGGCAGAACT 15
RESULT 369
US-08-487-141B-31
; Sequence 31, Application US/08487141B
; Patent No. 5683987
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,141B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO

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; ANTI-SENSE: YES
US-08-487-141B-31
Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 875 CTCATTGAGGTCC 888
Db 1 CTCATTGCGTCC 14

RESULT 370
US-08-927-561-31
; Sequence 31, Application US/08927561
; Patent No. 5874567
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TARGETING THE HUMAN MDR1 AND MRP GENES
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,561
; FILING DATE: 08-SEPT-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/487,141
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Riggaut, Kathleen D.
; REGISTRATION NUMBER: P43,047
; REFERENCE/DOCKET NUMBER: 63082C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-927-561-31
Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 875 CTCATTGAGGTCC 888
Db 1 CTCATTGCGTCC 14

RESULT 371
US-08-459-434-8/c
; Sequence 8, Application US/08459434
; Patent No. 5969116
; GENERAL INFORMATION:
; APPLICANT: Martin, Pierre
; TITLE OF INVENTION: Nucleosides and oligonucleotides having
; 2'-ether groups
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5969116artis Corporation
; STREET: 59 Route 10
; CITY: East Hanover
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07936-1080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,434
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 1467/93-4
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/241,213
; FILING DATE: 10-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Perraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-3318
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic oligonucleotide
; comprising a modified sugar"
US-08-459-434-8
Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 375 CTGGCGTCTGCT 388
Db 15 CTGGCTTCTGCT 2

RESULT 372
US-09-509-565-26/c
; Sequence 26, Application US/09509565
; Patent No. 6399340
; GENERAL INFORMATION:
; APPLICANT: SAITO, YOSHIMASA
; APPLICANT: NOGUCHI, YUJI
; APPLICANT: YOSHIKAWA, KOJI
; APPLICANT: SOEDA, SHINSUKE
; TITLE OF INVENTION: PLASMIID VECTORS
; FILE REFERENCE: 0018-1105-0PCT
; CURRENT APPLICATION NUMBER: US/09/509,565
; CURRENT FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: PCT/JP9804611
; PRIOR FILING DATE: 1998-10-13
; PRIOR APPLICATION NUMBER: JP9/303395
; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 26
; LENGTH: 16

```

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA  
US-09-509-565-26

Query Match 1.5%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 209 TTCCCGAGCCCTCTC 222  
Db 14 TTCCCGAGCCCTCTC 1

RESULT 373  
US-09-371-772B-5947/c  
Sequence 5947, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MEH800.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5947  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5947

Query Match 1.5%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 579 CTCACGTGCTCTTA 592  
Db 16 CTCACATGCTCTTA 3

RESULT 374  
US-09-371-772B-5948/c  
Sequence 5948, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MEH800.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0

SEQ ID NO 5948  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5948  
Query Match 1.5%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 579 CCTCAGTGTCTTA 592  
Db 14 CCTCAGTGTCTTA 1

RESULT 375  
PCT-US96-09388-31  
Sequence 31, Application PC/TUS9609388  
GENERAL INFORMATION:  
APPLICANT: Smith, Larry J.  
TITLE OF INVENTION: Therapeutic Oligonucleotides  
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
NUMBER OF SEQUENCES: 114  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
STREET: 1601 Market Street Suite 720  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-2307  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/09388  
FILING DATE: 07-JUN-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/379,180  
FILING DATE: 12-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Reed, Janet E.  
REGISTRATION NUMBER: 36,252  
REFERENCE/DOCKET NUMBER: 63082C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)563-4100  
TELEFAX: (215)563-4044  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
PCT-US96-09388-31

Query Match 1.5%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888  
Db 1 CTCATTGCGGTCC 14

RESULT 376  
US-08-050-073-71  
Sequence 71, Application US/08050073  
Patent No. 5567809

GENERAL INFORMATION:  
APPLICANT: Apple, Raymond J.  
APPLICANT: Begovich, Ann B.  
APPLICANT: Bugawan, Teodorica L.  
APPLICANT: Erlich, Henry A.  
APPLICANT: Griffith, Robert L.  
APPLICANT: Scharf, Stephen J.  
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA  
TITLE OF INVENTION: Typing  
NUMBER OF SEQUENCES: 315  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,073  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8769  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 71:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
US-08-050-073-71

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTTCAGGAG 465  
||| |||||  
Db 3 TGTCTTCAGGAG 16

RESULT 377  
US-08-050-073-205/c  
Sequence 205, Application US/08050073  
Patent No. 5567809  
GENERAL INFORMATION:  
APPLICANT: Apple, Raymond J.  
APPLICANT: Begovich, Ann B.  
APPLICANT: Bugawan, Teodorica L.  
APPLICANT: Erlich, Henry A.  
APPLICANT: Griffith, Robert L.  
APPLICANT: Scharf, Stephen J.  
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA  
TITLE OF INVENTION: Typing  
NUMBER OF SEQUENCES: 315  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,073  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8769  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 205:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
US-08-050-073-205

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTTCAGGAG 465  
||| |||||  
Db 15 TGTCTTCAGGAG 2

RESULT 378  
US-08-050-073-305/c  
Sequence 305, Application US/08050073  
Patent No. 5567809  
GENERAL INFORMATION:  
APPLICANT: Apple, Raymond J.  
APPLICANT: Begovich, Ann B.  
APPLICANT: Bugawan, Teodorica L.  
APPLICANT: Erlich, Henry A.  
APPLICANT: Griffith, Robert L.  
APPLICANT: Scharf, Stephen J.  
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA  
TITLE OF INVENTION: Typing  
NUMBER OF SEQUENCES: 315  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,073  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8769  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 305:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs



```
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: genomic DNA
US-08-050-073-305

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCTTCCAGGAAG 465
Db 15 TGCTTCCAGGAAG 2

RESULT 379
US-08-379-078-471/c
; Sequence 471, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBEE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 471:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-379-078-471

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 411 CAGCAGGCTCTCGG 424
Db 17 CAGCAGGCTCGCG 4

RESULT 380
US-08-985-162-415/c
; Sequence 415, Application US/08985162
```

```
/ Patent No. 6057156
/ GENERAL INFORMATION:
/ APPLICANT: Akhtar, Saghir
/ APPLICANT: Fell, Patricia
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
/ TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
/ TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
/ NUMBER OF SEQUENCES: 1877
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/985,162
/ FILING DATE: 04 December 1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 415:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-985-162-415

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 813 CCTGGTACTGTGGG 826
Db 14 CCTGGTACTGTGGG 1

RESULT 381
US-08-998-099-44
; Sequence 44, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
```

EARLIER APPLICATION NUMBER: 08/245,466  
 EARLIER FILING DATE: 1994-05-18  
 NUMBER OF SEQ ID NOS: 375  
 SOFTWARE: FastSeq for Windows Version 3.0  
 SEQ ID NO 44  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 US-08-998-099-44

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 78.8%; Pred. No. 4.1e+02;  
 Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 615 GCCATCTCAACCAG 628  
 |||||:|||||  
 Db 4 GCCAUCUGGACCAG 17

## RESULT 382

US-08-998-099-45

Sequence 45, Application US/08998099A

Patent No. 6103890

GENERAL INFORMATION:

APPLICANT: JARVIS, THALE

APPLICANT: MCSWIGEN, JAMES A.

APPLICANT: STINCHCOMB, DAN T.

TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT OF DISEASES

FILE REFERENCE: 231/175

CURRENT APPLICATION NUMBER: US/08/998,099A

CURRENT FILING DATE: 1997-12-24

EARLIER APPLICATION NUMBER: 60/037,658

EARLIER FILING DATE: 1997-01-23

EARLIER APPLICATION NUMBER: 08/373,124

EARLIER FILING DATE: 1995-01-13

EARLIER APPLICATION NUMBER: 08/245,466

EARLIER FILING DATE: 1994-05-18

NUMBER OF SEQ ID NOS: 375

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 45

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-08-998-099-45

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 78.6%; Pred. No. 4.1e+02;  
 Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 615 GCCATCTCAACCAG 628  
 |||||:|||||  
 Db 2 GCCAUCUGGACCAG 15

## RESULT 383

US-09-021-701-108

Sequence 108, Application US/09021701

Patent No. 6251588

GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

APPLICANT: Wolber, Paul K.

APPLICANT: Delenstark, Glenda C.

APPLICANT: Webb, Peter G.

APPLICANT: Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide

TITLE OF INVENTION: probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESS: Records Manager, Legal Department, Hewlett-Packard Company M/S 20

STREET: 3000 Hancover Street

CITY: Palo Alto

STATE: CA

COUNTRY: USA  
 ZIP: 94304  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA: US/09/021,701  
 APPLICATION NUMBER: US/09/021,701  
 FILING DATE: 10-FEB-1998  
 CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-09-021-701-108

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 146  
 |||||:|||||  
 Db 4 TGTCTGTTTGGGG 17

## RESULT 384

US-07-974-409C-84/c

Sequence 84, Application US/07974409C

Patent No. 6300058

GENERAL INFORMATION:

APPLICANT: Akitaya, Tatsuo

APPLICANT: Mitsuhashi, Masato

APPLICANT: Cooper, Allan

TITLE OF INVENTION: METHOD AND REAGENT

TITLE OF INVENTION: FOR MEASURING MESSENGER RNA

NUMBER OF SEQUENCES: 457

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson, and Bear

STREET: 620 Newport Center Dr. Sixteenth Floor

CITY: Newport Beach

STATE: CA

COUNTRY: USA

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/974,409C

FILING DATE: 12-NOV-1992

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E.

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: HITACHI.006CP2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 714-760-0404

TELEFAX: 714-760-9502

INFORMATION FOR SEQ ID NO: 84:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-974-409C-84

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 411 CACGAGGCTCTCCG 424
Db 17 CACGAGGCTCGCG 4

RESULT 385
US-09-474-432B-377
; Sequence 377, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/084,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 377
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-377

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 423 CGGCTGCCCTCC 436
Db 4 CGUCUGCCCCUGC 17

RESULT 386
US-09-474-432B-468/C
; Sequence 468, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David

```

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; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 468
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-468

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGTC 156
Db 17 GGGGGCTGCAGTC 4

RESULT 387
US-09-474-432B-503/C
; Sequence 503, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 503
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-503

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 GAAGCTCACAGTG 684
Db 17 GCAGCTCACAGTG 4

RESULT 388

```

US-09-474-432B-628/C  
; Sequence 628, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MSHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 628  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-628

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 670 TGAAGCTCACAGT 683  
Db 14 TGCAGCTCACAGT 1

RESULT 389  
US-09-474-432B-667/C  
; Sequence 667, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MSHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 667  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-667

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGC 426  
Db 14 GCAGGCTCTCCGC 1

RESULT 390  
US-09-371-772B-5148/C  
; Sequence 5148, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MSHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5148  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5148

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 579 CCTCAGGTGCTTA 592  
Db 16 CCTCAGGTGCTTA 3

RESULT 391  
US-09-476-387-376  
; Sequence 376, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their incorporation into oligonucleoti  
; FILE REFERENCE: MSHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524

; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 376  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-376

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 4.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 423 CGGCTGCCCTGC 436  
|||:|||||  
DB 4 CGUCGCCCCCUGC 17

## RESULT 392

US-09-476-387-467/c  
; Sequence 467, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 467  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-467

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGTC 156  
|||||  
DB 17 GGGGGCTGCAGTC 4

## RESULT 393

US-09-476-387-502/c  
; Sequence 502, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-C (249/073)

; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 502  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-502

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 GAAGCTCACAGATG 684  
|||||  
DB 17 GCAGCTCACAGATG 4

## RESULT 394

US-09-476-387-627/c  
; Sequence 627, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 627  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-627

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 670 TGAAGCTCACAGAT 683  
|||||  
DB 14 TGCAGCTCACAGAT 1

## RESULT 395

US-09-476-387-666/c  
; Sequence 666, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 666  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-666

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGC 426  
Db 14 GCAGGCTCTCCGC 1

RESULT 396  
US-09-401-063-415/c  
; Sequence 415, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Watburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 415:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-401-063-415

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 813 CCTGGTACTGTGGG 826  
Db 14 CCTGGTACTGTGGG 1

RESULT 397  
US-09-866-108A-7667  
; Sequence 7667, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AROMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aromica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7667  
; LENGTH: 17  
; TYPE: DNA

```
; ORGANISM: Homo sapiens
US-09-866-108A-7667

Query Match
  1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 GAACGGAGAGAA 781
DB 4 GAGCTGGAGAGAA 17

RESULT 398
US-09-866-108A-7671
; Sequence 7671, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7671
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7792

Query Match
  1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 GGTCTGAAGCTGG 838
DB 17 GCTCTGAAGCTGG 4

RESULT 400
US-09-866-108A-7793/c
; Sequence 7793, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7793
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7793

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```

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY 825 GGTGCTGAAGCTGG 838
DB 16 GCTGCTGAAGCTGG 3

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RESULT 401
US-09-866-108A-7794/c
; Sequence 7794, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7794
; LENGTH: 17

```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7794

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```

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY 825 GGTGCTGAAGCTGG 838
DB 15 GCTGCTGAAGCTGG 2

```

```

RESULT 402
US-09-866-108A-7795/c
; Sequence 7795, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7795
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7795

```

```

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 825 GGTGCTGAAGCTGG 838
DB 14 GCTGCTGAAGCTGG 1

```

```

RESULT 403
US-09-866-108A-8103/c
; Sequence 8103, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:

```



```
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8103
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8103

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 797 GCAGGACTGACTGA 810
Db 17 GCAGGACTGACGGA 4

RESULT 404
US-09-866-108A-8104/c
/ Sequence 8104, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8103
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8103

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 797 GCAGGACTGACTGA 810
Db 17 GCAGGACTGACGGA 4

RESULT 404
US-09-866-108A-8104/c
/ Sequence 8104, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8105
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8105

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 797 GCAGGACTGACTGA 810
Db 15 GCAGGACTGACGGA 2

RESULT 406
US-09-866-108A-8106/c
; Sequence 8106 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8385
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8385

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 401 CACCCTGCTCCAGC 414
Db 15 CACTCTGCTCCAGC 2

RESULT 408
US-09-866-108A-8386/c
; Sequence 8386 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8106
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8106

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 797 GCAGGACTGACTGA 810
Db 14 GCAGGACTGACGGA 1

RESULT 407
US-09-866-108A-8385/c
; Sequence 8385 Application US/09866108A
; Patent No. 6686188

```

PRIOR APPLICATION NUMBER: PCT/US01/006666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmca Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8386  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8386

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGC 414  
DB 14 CACTCTGCTCCAGC 1

RESULT 409  
PCT-US93-00977-84/c  
Sequence 84, Application PC/TUS9300977  
GENERAL INFORMATION:  
TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA  
NUMBER OF SEQUENCES: 711  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson, and Bear  
STREET: 620 Newport Center Dr. Sixteenth Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/00977  
FILING DATE: 19930129  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E.  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: HITACHI.006H  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
INFORMATION FOR SEQ ID NO: 84:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: NUCLEIC ACID  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US93-00977-84

Query Match 1.5%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 411 CAGCAGGCTCTCCG 424  
DB 17 CAGCAGGCTCTCCG 4

RESULT 410  
US-08-050-073-100  
Sequence 100, Application US/08050073  
Patent No. 5567809  
GENERAL INFORMATION:  
APPLICANT: Apple, Raymond J.  
APPLICANT: Begovich, Ann B.  
APPLICANT: Bugawan, Teodorica L.  
APPLICANT: Erlich, Henry A.  
APPLICANT: Griffith, Robert L.  
APPLICANT: Scharf, Stephen J.  
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA  
TITLE OF INVENTION: Typing  
NUMBER OF SEQUENCES: 315  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,073  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petty, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8769  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 100:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
US-08-050-073-100

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTTCCAGGAAG 465  
DB 4 TGTCTTCCAGGAAG 17

RESULT 411  
US-08-143-219-2/c  
Sequence 2, Application US/08143219  
Patent No. 5670330  
GENERAL INFORMATION:  
APPLICANT: Sonenberg, Nahum  
APPLICANT: Katze, Michael G.  
APPLICANT: Roy, Sophie  
APPLICANT: Koromilas, Antonis E.

APPLICANT: Barber, Glen N.  
TITLE OF INVENTION: TUMOR-CELL ASSAY METHOD AND KIT  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM compatible  
OPERATING SYSTEM: PC-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/143,219  
FILING DATE: October 25, 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/141,244  
FILING DATE: October 22, 1993  
APPLICATION NUMBER: 07/953,681  
FILING DATE: September 29, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Douglas E. Olson  
REGISTRATION NUMBER: 22,798  
REFERENCE/DOCKET NUMBER: 204/139  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: F1 PRIMER, FIGURE 5  
US-08-143-219-2

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTG 773  
Db 14 AGATGGCAGAACTG 1  
||||| |||||

RESULT 412  
US-08-363-585-86/c  
Sequence 86, Application US/08363585  
Patent No. 5683872  
GENERAL INFORMATION:  
APPLICANT: Rudert, William A.  
APPLICANT: Trucco, Massimo  
TITLE OF INVENTION: Polymers of Oligonucleotide Probes  
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse  
TITLE OF INVENTION: Dot Blots  
NUMBER OF SEQUENCES: 112  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: University of Pittsburgh  
STREET: Office of Intellectual Property  
STREET: 911 William Pitt Union  
CITY: Pittsburgh  
STATE: Pennsylvania  
COUNTRY: USA

ZIP: 15260  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5-1/4" low density diskette  
COMPUTER: IBM PC or compatibles  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,585  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/786,228  
FILING DATE: 31-OCT-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Frederick H. Colen; Mary-Elizabeth Buckles  
REGISTRATION NUMBER: 28,061; 31,907  
REFERENCE/DOCKET NUMBER: 92-232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 412/288-4164  
TELEFAX: 412/288-3063  
TELEX: 277871  
INFORMATION FOR SEQ ID NO: 86:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
PUBLICATION INFORMATION:  
AUTHORS: Kimura, A.  
AUTHORS: Sasazuki, T.  
TITLE: Eleventh International Histocompatibility  
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing  
TITLE: Technique  
JOURNAL: HLA 1991  
VOLUME: 1  
PAGES: 397-419  
DATE: 1992  
RELEVANT RESIDUES IN SEQ ID NO: 86: 1 to 18  
US-08-363-585-86

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTCCAGGAAG 465  
Db 16 TGCCTCCAGGAAG 3  
||||| |||||

RESULT 413  
US-08-487-141B-29  
Sequence 29, Application US/08487141B  
Patent No. 5683987  
GENERAL INFORMATION:  
APPLICANT: Smith, Larry J.  
TITLE OF INVENTION: Therapeutic Oligonucleotides  
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
NUMBER OF SEQUENCES: 114  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
STREET: 1601 Market Street Suite 720  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-2307  
COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,141B

```
;
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
US-08-487-141B-29
Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888
DB 3 CTCATTGCGTCC 16

RESULT 414
US-08-487-141B-30
; Sequence 30, Application US/08487141B
; Patent No. 5683987
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
US-08-487-141B-30
Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888
DB 5 CTCATTGCGTCC 18

RESULT 416
US-08-323-910-5/c
; Sequence 5, Application US/08323910
; Patent No. 5686577
```

```

; GENERAL INFORMATION:
; APPLICANT: Weksler Dr., Marc E.
; APPLICANT: Szabo Dr., Paul
; TITLE OF INVENTION: T CELL FACTORS INFLUENCING B CELL
; TITLE OF INVENTION: DEVELOPMENT
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,910
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/380 (D-1548)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 716-263-1304
; TELEFAX: 716-263-1600
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-323-910-5

```

```

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 211 CCCAGCCCTCTCCA 224
Db 17 CCCAGCCCTCTCCA 4

```

```

RESULT 417
US-08-311-486C-1082
; Sequence 1082, Application US/08311486C
; Patent No. 581300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF- $\alpha$ 
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

```

```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1082:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-1082

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```

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 211 CCCAGCCCTCTCCA 224
Db 4 CCCAGCCCTCTCCA 17

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```

RESULT 418
US-08-578-590-16
; Sequence 16, Application US/08578590
; Patent No. 5817499
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; TITLE OF INVENTION: DNA ENCODING AN ENZYME WITH ENDOGLUCANASE
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5817499 No. 5817499disk of No. 5817499th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,590
; FILING DATE: 03-JAN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4015.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123

```

TELEFAX: 212-878-9655  
 INFORMATION FOR SEQ ID NO: 16:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 US-08-578-590-16

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
 Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCGGCTGCC 430  
 Db 4 GCTCTCGGCTGCC 17

RESULT 419  
 US-08-488-811-4/c  
 Sequence 4, Application US/0848811  
 Patent No. 5849587

GENERAL INFORMATION:  
 APPLICANT: Hanauske-Abel, Hartmut M.  
 APPLICANT: Grady, Robert W.  
 APPLICANT: Hanauske, Axel  
 APPLICANT: Andrus, Linda  
 APPLICANT: Szabo, Paul  
 TITLE OF INVENTION: METHOD OF INHIBITING VIRAL REPLICATION  
 TITLE OF INVENTION: IN EUKARYOTIC CELLS AND OF INDUCING APOPTOSIS OF  
 TITLE OF INVENTION: VIRALLY-INFECTED CELLS  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Nixon, Hargrave, Devans & Doyle  
 STREET: Clinton Square, P.O. Box 1051  
 CITY: Rochester  
 STATE: New York  
 COUNTRY: U.S.A.  
 ZIP: 14603

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/488,811  
 FILING DATE:  
 CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:  
 NAME: Goldman, Michael L.  
 REGISTRATION NUMBER: 30,727  
 REFERENCE/DOCKET NUMBER: 19603/730  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 716-263-1304  
 TELEFAX: 716-263-1600  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 US-08-488-811-4

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
 Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCA 224  
 Db 17 CCCAGCCCTCTCCA 4

RESULT 420  
 US-08-927-561-29  
 Sequence 29, Application US/08927561  
 Patent No. 5874567  
 GENERAL INFORMATION:  
 APPLICANT: Smith, Larry J.  
 TITLE OF INVENTION: Therapeutic Oligonucleotides  
 TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
 NUMBER OF SEQUENCES: 114  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
 STREET: 1601 Market Street Suite 720  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19103-2307

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/927,561  
 FILING DATE: 08-SEPT-1997  
 CLASSIFICATION: 536  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/487,141  
 FILING DATE: 05-JUN-1995

ATTORNEY/AGENT INFORMATION:  
 NAME: Rigaut, Kathleen D.  
 REGISTRATION NUMBER: P43,047  
 REFERENCE/DOCKET NUMBER: 63082C1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (215)563-4100  
 TELEFAX: (215)563-4044  
 INFORMATION FOR SEQ ID NO: 29:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: not relevant  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 US-08-927-561-29

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
 Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGTCC 898  
 Db 3 CTCATTGAGTCC 16

RESULT 421  
 US-08-927-561-30  
 Sequence 30, Application US/08927561  
 Patent No. 5874567  
 GENERAL INFORMATION:  
 APPLICANT: Smith, Larry J.  
 TITLE OF INVENTION: Therapeutic Oligonucleotides  
 TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
 NUMBER OF SEQUENCES: 114  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
 STREET: 1601 Market Street Suite 720  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19103-2307  
 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/927,561  
FILING DATE: 08-SEPT-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/487,141  
FILING DATE: 05-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Rigaut, Kathleen D.  
REGISTRATION NUMBER: P43,047  
REFERENCE/DOCKET NUMBER: 63082C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)563-4100  
TELEFAX: (215)563-4044  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-927-561-30

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888  
Db 1 CTCATTGCGTCC 14

RESULT 422  
US-08-927-561-33  
Sequence 33, Application US/08927561  
Patent No. 5874567  
GENERAL INFORMATION:  
APPLICANT: Smith, Larry J.  
TITLE OF INVENTION: Therapeutic Oligonucleotides  
Targeting the Human MDRI and MRP Genes  
NUMBER OF SEQUENCES: 114  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
STREET: 1601 Market Street Suite 720  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-2307  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/927,561  
FILING DATE: 08-SEPT-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/487,141  
FILING DATE: 05-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Rigaut, Kathleen D.  
REGISTRATION NUMBER: P43,047  
REFERENCE/DOCKET NUMBER: 63082C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)563-4100  
TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-927-561-33

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888  
Db 5 CTCATTGCGTCC 18

RESULT 423  
US-09-339-775-46/c  
Sequence 46, Application US/09339775  
Patent No. 6063626  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I3 EXPRESSION  
FILE REFERENCE: RTS-0069  
CURRENT APPLICATION NUMBER: US/09/339,775  
CURRENT FILING DATE: 1999-06-24  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 46  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-339-775-46

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 880 TTGAGGTCTGTCAT 893  
Db 14 TTGAGGTCTGTCAT 1

RESULT 424  
US-09-474-922A-43/c  
Sequence 43, Application US/09474922A  
Patent No. 6187586  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowser  
APPLICANT: Richard A. Roth  
TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION  
FILE REFERENCE: RTS-0036  
CURRENT APPLICATION NUMBER: US/09/474,922A  
CURRENT FILING DATE: 1999-12-29  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 43  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-474-922A-43

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;



QY 314 GAGAGCTGCAGAG 327  
Db 16 GAGAGCTGCAGAG 3

## RESULT 425

US-09-578-324-3/c  
; Sequence 3, Application US/09578324  
; Patent No. 6331642  
; GENERAL INFORMATION:  
; APPLICANT: Hachco, Andrew  
; APPLICANT: Hennessy, Bernard  
; APPLICANT: Uskokovic, Milan  
; TITLE OF INVENTION: 5,6-trans-16-ene-vitamin D3  
; FILE REFERENCE: uskokovic d3 analogs 1092P  
; CURRENT APPLICATION NUMBER: US/09/578,324  
; CURRENT FILING DATE: 2000-05-24  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer for  
; OTHER INFORMATION: GAPDH (sense)  
US-09-578-324-3

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCA 224  
Db 17 CCCAGCCCTCTCCA 4

## RESULT 426

US-08-584-040-8297/c  
; Sequence 8297, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Lyon & Lyon  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 8297:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-8297

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 367 AAGAGCGTCTGGCC 380  
Db 16 AAGAGCGTCTGGCC 3

## RESULT 427

US-09-270-140A-14  
; Sequence 14, Application US/09270140A  
; Patent No. 6361941  
; GENERAL INFORMATION:  
; APPLICANT: Todd, Alison  
; APPLICANT: Fuery, Caroline  
; APPLICANT: Cairns, Murray  
; TITLE OF INVENTION: Catalytic Nucleic Acid base Diagnostic Methods  
; FILE REFERENCE: J&J1799  
; CURRENT APPLICATION NUMBER: US/09/270,140A  
; CURRENT FILING DATE: 1999-03-16  
; PRIOR APPLICATION NUMBER: 60/079,651  
; PRIOR FILING DATE: 1998-03-27  
; NUMBER OF SEQ ID NOS: 96  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: mutant RNA at  
; OTHER INFORMATION: Position 2 - mutant (A to C, G or U)  
US-09-270-140A-14

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 71.4%; Pred. No. 4.6e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 382 TCCTGCTGGCGGC 395  
Db 2 UCCUGUGGCCGCGC 15

## RESULT 428

US-09-504-358-39/c  
; Sequence 39, Application US/09504358  
; Patent No. 6365376  
; GENERAL INFORMATION:  
; APPLICANT: Rouviere, Pierre E.  
; APPLICANT: Brzostowicz, Patricia C.  
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES  
; FILE REFERENCE: BC1001 US NA  
; CURRENT APPLICATION NUMBER: US/09/504,358  
; CURRENT FILING DATE: 2000-02-15  
; EARLIER APPLICATION NUMBER: 60/120,702  
; EARLIER FILING DATE: 1999-February-19  
; NUMBER OF SEQ ID NOS: 49

; SOFTWARE: Microsoft Office 97  
; SEQ ID NO 39  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-504-358-39

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 335 GGAGCAACTTGGTG 348  
| | | | | | | | | | | | | | | | | |  
Db 18 GGAGCAACTTGGTG 5

## RESULT 429

US-09-000-286A-23  
; Sequence 23, Application US/09000286A  
; Patent No. 6449562  
; GENERAL INFORMATION:  
; APPLICANT: Luminex Corporation  
; APPLICANT: Chandler, Van S.  
; APPLICANT: Fulton, Jerrold R.  
; APPLICANT: Chandler, Mark B.  
; TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method  
; FILE REFERENCE: 112802.500  
; CURRENT APPLICATION NUMBER: US/09/000,286A  
; CURRENT FILING DATE: 1998-08-18  
; PRIOR APPLICATION NUMBER: PCT/US96/16198  
; PRIOR FILING DATE: 1996-10-10  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 23  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-000-286A-23

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 769 AACTGGAGAGAGAG 782  
| | | | | | | | | | | | | | | | | |  
Db 1 AACTGGAGAGAGAG 14

## RESULT 430

US-09-000-286A-24/c  
; Sequence 24, Application US/09000286A  
; Patent No. 6449562  
; GENERAL INFORMATION:  
; APPLICANT: Luminex Corporation  
; APPLICANT: Chandler, Van S.  
; APPLICANT: Fulton, Jerrold R.  
; APPLICANT: Chandler, Mark B.  
; TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method  
; FILE REFERENCE: 112802.500  
; CURRENT APPLICATION NUMBER: US/09/000,286A  
; CURRENT FILING DATE: 1998-08-18  
; PRIOR APPLICATION NUMBER: PCT/US96/16198  
; PRIOR FILING DATE: 1996-10-10  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 24  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-000-286A-24

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 769 AACTGGAGAGAG 782  
| | | | | | | | | | | | | | | | | |  
Db 18 AACTGGAGAGAG 5

## RESULT 431

US-09-485-077A-4/c  
; Sequence 4, Application US/09485077A  
; Patent No. 6458590  
; GENERAL INFORMATION:  
; APPLICANT: Mukherjee, Anil  
; APPLICANT: Kunda, Gopal  
; APPLICANT: Panda, Dibyendu  
; TITLE OF INVENTION: Methods and Compositions for Treatment of Restenosis  
; FILE REFERENCE: NIH-05047  
; CURRENT APPLICATION NUMBER: US/09/485,077A  
; CURRENT FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: PCT/US98/16569  
; PRIOR FILING DATE: 1998-07-08  
; PRIOR APPLICATION NUMBER: 60/054,967  
; PRIOR FILING DATE: 1997-07-08  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-485-077A-4

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCAGCCCTCTCCA 224  
| | | | | | | | | | | | | | | | | |  
Db 17 CCAGCCCTCTCCA 4

## RESULT 432

US-09-954-314-39/c  
; Sequence 39, Application US/09954314  
; Patent No. 6465224  
; GENERAL INFORMATION:  
; APPLICANT: Rouviere, Pierre E.  
; APPLICANT: Brzostowicz, Patricia C.  
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES  
; FILE REFERENCE: BC1001 US NA  
; CURRENT APPLICATION NUMBER: US/09/954,314  
; CURRENT FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: 60/120,702  
; PRIOR FILING DATE: 1999-February-19  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: Microsoft Office 97  
; SEQ ID NO 39  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-954-314-39

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 335 GGAGCAACTTGGTG 348  
| | | | | | | | | | | | | | | | | |

Db 18 GGAGGAAGTGGTG 5

## RESULT 433

US-09-422-978-4546/c  
; Sequence 4546, Application US/09422978  
; Patent No. 6537751

## ; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 4546

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-15748 for SEQ 612,

US-09-422-978-4546

## Query Match

Best Local Similarity 1.5%; Score 12.4; DB 1; Length 18;

Mismatches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 13; Conserved 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 ACTGACTGAACCT 815

Db 17 ACTGACTGAACCT 4

## RESULT 434

US-09-422-978-5382

; Sequence 5382, Application US/09422978

; Patent No. 6537751

## ; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 5382

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-24554 for SEQ 1448,

US-09-422-978-5382

## Query Match

Best Local Similarity 1.5%; Score 12.4; DB 1; Length 18;

Mismatches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 13; Conserved 0; Mismatches 1; Indels 0; Gaps 0;

QY 339 CCACTTGGTGCCAG 352

Db 1 CCACTTGGTGCCAG 14

## RESULT 435

US-09-422-978-5600/c

; Sequence 5600, Application US/09422978

; Patent No. 6537751

## ; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 5600

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-5475 for SEQ 1666,

US-09-422-978-5600

## Query Match

Best Local Similarity 1.5%; Score 12.4; DB 1; Length 18;

Mismatches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 13; Conserved 0; Mismatches 1; Indels 0; Gaps 0;

QY 246 CTCTGAAGGACTT 259

Db 18 CTCTGAAGGACTT 5

## RESULT 436

US-08-780-562-29

; Sequence 29, Application US/08780562

; Patent No. 6541604

## ; GENERAL INFORMATION:

; APPLICANT: Matthews, William

; APPLICANT: Bennett, Brian

; TITLE OF INVENTION: WSX RECEPTOR

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WinPatIn (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/780,562

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/595005

; FILING DATE: 01/08/97

; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELEPHONE: 415/225-1394
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-08-780-562-29

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 438 AGCTTAAGCCGAGA 451
Db 2 AGCTTAAGCCGAGA 15

RESULT 437
US-09-371-772B-3955/c
; Sequence 3955, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 09/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3955
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-3955

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 367 AAGAGGCTGGCC 380
Db 16 AAGAGGCTGGCC 3

RESULT 438
PCT-US96-08743A-4/c
; Sequence 4, Application PC/TUS9608743A
; GENERAL INFORMATION:
; APPLICANT: Cornell Research Foundation, Inc.
; APPLICANT: New York Blood Center
; APPLICANT: Hanauske, Axel
; TITLE OF INVENTION: METHOD OF INHIBITING VIRAL REPLICATION
; TITLE OF INVENTION: IN EUKARYOTIC CELLS AND OF INDUCING APOPTOSIS OF
; TITLE OF INVENTION: VIRALLY-INFECTED CELLS

```

```

; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08743A
; FILING DATE: 05-JUN-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/488,811
; FILING DATE: 09-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/731
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1304
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; PCT-US96-08743A-4

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCA 224
Db 17 CCCAGCCCTCTCCA 4

RESULT 439
PCT-US96-09388-29
; Sequence 29, Application PC/TUS9609388
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:

```

NAME: Reed, Janet E.  
 REGISTRATION NUMBER: 36,252  
 REFERENCE/DOCKET NUMBER: 63082C  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (215)563-4100  
 TELEFAX: (215)563-4044  
 INFORMATION FOR SEQ ID NO: 29:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: not relevant  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 PCT-US96-09388-29

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
 Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888  
 |||||  
 Db 3 CTCATTGCGGTCC 16

RESULT 440  
 PCT-US96-09388-30  
 ; Sequence 30, Application PC/TUS9609388  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Smith, Larry J.  
 ; TITLE OF INVENTION: Therapeutic Oligonucleotides  
 ; TARGETING: Targeting the Human MDR1 and MRP Genes  
 ; NUMBER OF SEQUENCES: 114  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
 ; STREET: 1601 Market Street Suite 720  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103-2307

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/09388  
 FILING DATE: 07-JUN-1995  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/379,180  
 FILING DATE: 12-JUL-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Reed, Janet E.  
 REGISTRATION NUMBER: 36,252  
 REFERENCE/DOCKET NUMBER: 63082C  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (215)563-4100  
 TELEFAX: (215)563-4044  
 INFORMATION FOR SEQ ID NO: 30:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: not relevant  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 PCT-US96-09388-30

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
 Best Local Similarity 92.9%; Pred. No. 4.6e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 875 CTCATTGAGGTCC 888  
 |||||  
 Db 1 CTCATTGCGGTCC 14

RESULT 441  
 PCT-US96-09388-33  
 ; Sequence 33, Application PC/TUS9609388  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Smith, Larry J.  
 ; TITLE OF INVENTION: Therapeutic Oligonucleotides  
 ; TARGETING: Targeting the Human MDR1 and MRP Genes  
 ; NUMBER OF SEQUENCES: 114  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
 ; STREET: 1601 Market Street Suite 720  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103-2307

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/09388  
 FILING DATE: 07-JUN-1995  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/379,180  
 FILING DATE: 12-JUL-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Reed, Janet E.  
 REGISTRATION NUMBER: 36,252  
 REFERENCE/DOCKET NUMBER: 63082C  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (215)563-4100  
 TELEFAX: (215)563-4044  
 INFORMATION FOR SEQ ID NO: 33:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: not relevant  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 PCT-US96-09388-33

Query Match 1.5%; Score 12.4; DB 1; Length 18;  
 Best Local Similarity 92.9%; Pred. No. 4.6e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888  
 |||||  
 Db 5 CTCATTGCGGTCC 18

RESULT 442  
 US-08-078-683A-33/c  
 ; Sequence 33, Application US/08078683A  
 ; Patent No. 5486599  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Saunders, Scott  
 ; APPLICANT: Bernfield, Merton  
 ; APPLICANT: Kato, Masato  
 ; TITLE OF INVENTION: Construction and Use of Synthetic  
 ; TARGETING: Constructs Encoding Syndecan  
 ; NUMBER OF SEQUENCES: 43  
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII (text)  
CURRENT APPLICATION DATA:  
FILING DATE: 17-JUN-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: CME-062  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-5941  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-078-683A-33

Query Match 1.5%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 349 CCAGCGCAACCTG 362  
Db 14 CCAGCGCATCTG 1

RESULT 443  
US-08-050-073-113  
Sequence 113, Application US/08050073  
Patent No. 5567809  
GENERAL INFORMATION:  
APPLICANT: Apple, Raymond J.  
APPLICANT: Begovich, Ann B.  
APPLICANT: Bugawan, Teodorica L.  
APPLICANT: Erlich, Henry A.  
APPLICANT: Griffith, Robert L.  
APPLICANT: Scharf, Stephen J.  
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA  
NUMBER OF SEQUENCES: 315  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 17-JUN-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 8769  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 113:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
US-08-050-073-113

Query Match 1.5%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTTCCAGGAAG 465  
Db 5 TGTCTTCCAGGAAG 18

RESULT 444  
US-08-261-822A-61  
Sequence 61, Application US/08261822A  
Patent No. 5650553  
GENERAL INFORMATION:  
APPLICANT: Ecker, Joseph R. et al.  
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene  
TITLE OF INVENTION: and Pathogens  
NUMBER OF SEQUENCES: 82  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 17-JUN-1994  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Beardell, Lori Y.  
REGISTRATION NUMBER: 34,293  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 61:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES

US-08-261-822A-61

Query Match 1.5%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 CTGCATGTGAGAC 901  
Db 6 CTGCATGTGAGAC 19

RESULT 445  
US-08-809-297-2  
; Sequence 2, Application US/0809297  
; Patent No. 5948650  
; GENERAL INFORMATION:  
; APPLICANT: ARAKI, SHIGEKI  
; APPLICANT: TSUCHIYA, YOHICHI  
; TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN  
; TITLE OF INVENTION: HOPS  
; NUMBER OF SEQUENCES: 48  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400  
; CITY: ARLINGTON  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/809,297  
; FILING DATE: 06-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP96/02121  
; FILING DATE: 26-JUL-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP HEI 7-211328  
; FILING DATE: 28-JUL-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP HEI 8-130586  
; FILING DATE: 30-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: OBLON, NORMAN F.  
; REGISTRATION NUMBER: 24618  
; REFERENCE/DOCKET NUMBER: 2589-057-0PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 413-3000  
; TELEFAX: (703) 413-2220  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "SYNTHETIC DNA"  
US-08-809-297-2  
Query Match 1.5%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 506 TTGGCCAGTTGG 519  
DB 5 TTGGCCAGTTTG 18  
RESULT 446  
US-08-738-922-4  
; Sequence 4, Application US/08738922  
; Patent No. 5936686  
; GENERAL INFORMATION:  
; APPLICANT: Huo-Shu H. Hwang  
; TITLE OF INVENTION: A Simple PCR Technique for Detecting  
; TITLE OF INVENTION: and Differentiating Bacterial Pathogens  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: John Moran

STREET: USA MEMC - MPMC-JA  
CITY: FORT DETRICK, FREDERICK  
STATE: MARYLAND  
COUNTRY: USA  
ZIP: 21702-5012  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 7.0  
SOFTWARE: Microsoft Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/738,922  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Moran, John  
REGISTRATION NUMBER: 26,313  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (301) 619-2065  
TELEFAX: (301) 619-7714  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-738-922-4  
Query Match 1.5%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 5e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 220 CTCGAGAGTGACG 233  
DB 6 CTCGAGAGTGAGG 19  
RESULT 447  
US-08-258-287B-60  
; Sequence 60, Application US/08258287B  
; Patent No. 6083735  
; GENERAL INFORMATION:  
; APPLICANT: Yuan, Junying  
; APPLICANT: Miura, Masayuki  
; TITLE OF INVENTION: Programmed Cell Death Genes and Proteins  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/258,287B  
; FILING DATE: 10-JUN-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/080,850  
; FILING DATE: 24-JUN-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bugaisky, Lawrence B.  
; REGISTRATION NUMBER: 35,086  
; REFERENCE/DOCKET NUMBER: 0609.3920001

Fri Jul 30 10:32:07 2004

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; TELEX: 248636 SSK
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-258-287B-60
;
Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 557 CCAACAGCAGGAT 570
Db 2 CCAACAGCAGGAT 15

RESULT 448
US-08-368-704C-58
; Sequence 58, Application US/08368704C
; Patent No. 6087160
; GENERAL INFORMATION:
; APPLICANT: Yuan, Junying
; APPLICANT: Miura, Masayuki
; TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/368,704C
; FILING DATE: 4-JAN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/258,287
; FILING DATE: 10-JUN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/080,850
; FILING DATE: 24-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bugaisky, Lawrence B.
; REGISTRATION NUMBER: 35,086
; REFERENCE/DOCKET NUMBER: 0609.3920002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; TELEX: 248636 SSK
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-368-704C-58
;
Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 557 CCAACAGCAGGAT 570
Db 2 CCAACAGCAGGAT 15

RESULT 449
US-09-038-637-72/c
; Sequence 72, Application US/09038637
; Patent No. 6235470
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,637
; FILING DATE: 10-MAR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/579,233
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/152,313
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/146001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-09-038-637-72
;
Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 819 ACTGTGGTGCTGA 832
Db 19 ACTGTGGTGCTGA 6

RESULT 450
US-08-471-970A-33/c
; Sequence 33, Application US/08471970A
; Patent No. 6531295
; GENERAL INFORMATION:
; APPLICANT: Saunders, Scott
; APPLICANT: Bernfield, Merton
; APPLICANT: Kato, Masato
; TITLE OF INVENTION: Construction and Use of Synthetic
; CORRESPONDENCE ADDRESS:
; NUMBER OF SEQUENCES: 45
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street
; CITY: Boston
```



```
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII (text)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/471,970A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/078,683
/ FILING DATE: 17-JUN-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kara, Catherine J.
/ REGISTRATION NUMBER: P-41,106
/ REFERENCE/DOCKET NUMBER: CME-062DV
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 227-7400
/ TELEFAX: (617) 227-5941
/ INFORMATION FOR SEQ ID NO: 33:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ US-08-471-970A-33

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 349 CCAGCGCCCAACTG 362
Db 14 CCAGCGCCCACTG 1

RESULT 451
US-09-747-391-50/c
/ Sequence 50, Application US/09747391
/ Patent No. 6670124
/ GENERAL INFORMATION:
/ APPLICANT: Chow, Robert
/ APPLICANT: Tonai, Richard
/ APPLICANT: StemCyt, Inc.
/ TITLE OF INVENTION: High Throughput Methods of HLA Typing
/ FILE REFERENCE: 020035-000210US
/ CURRENT APPLICATION NUMBER: US/09/747,391
/ CURRENT FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: US 60/172,768
/ PRIOR FILING DATE: 1999-12-20
/ NUMBER OF SEQ ID NOS: 278
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 50
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-747-391-50

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 409 TCCAGCAGGCTCTC 422
Db 18 TCCCGAGGCTCTC 5

RESULT 452
PCT-US95-07744A-61
/ Sequence 61, Application PC/TUS9507744A
/ GENERAL INFORMATION:
/ APPLICANT: Trustees of The University of Pennsylvania
/ TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
/ NUMBER OF SEQUENCES: 82
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
/ STREET: One Liberty Place, 46th floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US95/07744A
/ FILING DATE: 15-JUNE-1995
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/261,822
/ FILING DATE: June 17, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Beardell, Lori Y.
/ REGISTRATION NUMBER: 34,293
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100
/ TELEFAX: (215) 568-3439
/ INFORMATION FOR SEQ ID NO: 61:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
/ PCT-US95-07744A-61

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 CTGCATGTGAGAAC 901
Db 6 CTGCATGTGAGAAC 19

RESULT 453
US-08-249-188A-2
/ Sequence 2, Application US/08249188A
/ Patent No. 5571639
/ GENERAL INFORMATION:
/ APPLICANT: Hubbell, Earl A.
/ APPLICANT: Lipschutz, Robert J.
/ APPLICANT: Morris, Macdonald S.
/ APPLICANT: Winkler, James L.
/ TITLE OF INVENTION: Computer-Aided Engineering System
/ TITLE OF INVENTION: for Design of Sequence Arrays and
/ Patent No. 5571639
/ TITLE OF INVENTION: Lithographic Masks
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend Kourie and Crew
/ STREET: One Market Plaza, Steuart Tower, Suite 2000
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94105
/ COMPUTER READABLE FORM:
```

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 24-MAY-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5571639v1el, Vernon A.  
REGISTRATION NUMBER: 32,483  
REFERENCE/DOCKET NUMBER: 16528X-58  
TELEPHONE: 415-326-2400  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
US-08-249-188A-2

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 ACTGACGAGTACTGA 810  
Db 1 ACTGACGAGTACTGA 17

RESULT 454  
US-08-460-411-2  
Sequence 2, Application US/08460411  
Patent No. 5593839  
GENERAL INFORMATION:  
APPLICANT: Hubbell, Earl A.  
APPLICANT: Lipshutz, Robert J.  
APPLICANT: Morris, Macdonald S.  
APPLICANT: Winkler, James L.  
TITLE OF INVENTION: Computer-Aided Engineering System  
TITLE OF INVENTION: for  
TITLE OF INVENTION: Design of Sequence Arrays and Lithographic Masks  
Patent No. 5593839  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend Kourie and Crew  
STREET: One Market Plaza, Steuart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 24-MAY-1994  
APPLICATION NUMBER: US/08/460,411  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5593839v1el, Vernon A.  
REGISTRATION NUMBER: 32,483  
REFERENCE/DOCKET NUMBER: 16528X-58  
TELEPHONE: 415-326-2400  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
US-08-460-411-2

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 ACTGACGAGTACTGA 810  
Db 1 ACTGACGAGTACTGA 17

RESULT 455  
US-08-373-124A-542  
Sequence 542, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 542:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-542

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 4.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 662 CATTGACCTGAGCTCA 678  
Db 1 CAUGCACUUGAGCUCA 17

RESULT 456  
US-07-999-071-17  
; Sequence 17, Application US/07999071  
; Patent No. 5691196  
; GENERAL INFORMATION:  
; APPLICANT: Mak, Paul  
; APPLICANT: Karathanasis, Sotirios K.  
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X  
; TITLE OF INVENTION: Receptor Agonists and Antagonists  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: American Cyanamid Company  
; STREET: One Cyanamid Plaza  
; CITY: Wayne  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07470

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/999,071  
FILING DATE: 31-DEC-1992  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: Tsevdos, Estelle J.  
REGISTRATION NUMBER: 31145  
REFERENCE/DOCKET NUMBER: 31941  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (201) 831-3241  
TELEFAX: (201) 831-3305  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)

US-07-999-071-17  
Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 ACTGAACCTGTGACTG 822  
Db 1 ACTGAACCTGTGACTG 17

RESULT 457  
US-08-469-122-17  
; Sequence 17, Application US/08469122  
; Patent No. 5700650  
; GENERAL INFORMATION:  
; APPLICANT: Mak, Paul  
; APPLICANT: Karathanasis, Sotirios K.  
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X  
; TITLE OF INVENTION: Receptor Agonists and Antagonists  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: American Cyanamid Company  
; STREET: One Cyanamid Plaza  
; CITY: Wayne  
; STATE: New Jersey  
; COUNTRY: USA

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,122  
FILING DATE:  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/999,071  
FILING DATE: 31-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Tsevdos, Estelle J.  
REGISTRATION NUMBER: 31145  
REFERENCE/DOCKET NUMBER: 31941  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (201) 831-3241

ZIP: 07470  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,122  
FILING DATE:  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/999,071  
FILING DATE: 31-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Tsevdos, Estelle J.  
REGISTRATION NUMBER: 31145  
REFERENCE/DOCKET NUMBER: 31941  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (201) 831-3241  
TELEFAX: (201) 831-3305

INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)

US-08-469-122-17  
Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 ACTGAACCTGTGACTG 822  
Db 1 ACTGAACCTGTGACTG 17

RESULT 458  
US-08-465-783-17  
; Sequence 17, Application US/08465783  
; Patent No. 5700882  
; GENERAL INFORMATION:  
; APPLICANT: Mak, Paul  
; APPLICANT: Karathanasis, Sotirios K.  
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X  
; TITLE OF INVENTION: Receptor Agonists and Antagonists  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: American Cyanamid Company  
; STREET: One Cyanamid Plaza  
; CITY: Wayne  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07470

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,783  
FILING DATE:  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/999,071  
FILING DATE: 31-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Tsevdos, Estelle J.  
REGISTRATION NUMBER: 31145  
REFERENCE/DOCKET NUMBER: 31941  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (201) 831-3241

TELEFAX: (201) 831-3305  
 INFORMATION FOR SEQ ID NO: 17:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-465-783-17

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 ACTGAACCCCTGTACTG 822  
 |||||  
 Db 1 ACTGAACCCCTGTACTG 17

RESULT 459  
 US-08-469-120-17  
 ; Sequence 17, Application US/08469120  
 ; Patent No. 5714595  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mak, Paul  
 ; TITLE OF INVENTION: Karathanasis, Sotirios K.  
 ; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X  
 ; TITLE OF INVENTION: Receptor Agonists and Antagonists  
 ; NUMBER OF SEQUENCES: 19  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: American Cyanamid Company  
 ; STREET: One Cyanamid Plaza  
 ; CITY: Wayne  
 ; STATE: New Jersey  
 ; COUNTRY: USA  
 ; ZIP: 07470  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: IBM PC compatible  
 ; SOFTWARE: PC-DOS/MS-DOS  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/469,120  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 07/999,071  
 ; FILING DATE: 31-DEC-1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Tsevdos, Estelle J.  
 ; REGISTRATION NUMBER: 31145  
 ; REFERENCE/DOCKET NUMBER: 31941  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (201) 831-3241  
 ; TELEFAX: (201) 831-3305  
 ; INFORMATION FOR SEQ ID NO: 17:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: double  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-469-120-17

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 ACTGAACCCCTGTACTG 822  
 |||||  
 Db 1 ACTGAACCCCTGTACTG 17

RESULT 460  
 US-08-435-628-542  
 ; Sequence 542, Application US/08435628  
 ; Patent No. 5817796  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Jarvis, Thale  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES  
 ; NUMBER OF SEQUENCES: 2627  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/435,628  
 ; FILING DATE: 05-MAY-1995  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/373,124  
 ; FILING DATE: January 13, 1995  
 ; APPLICATION NUMBER: 08/245,466  
 ; FILING DATE: May 18, 1994  
 ; APPLICATION NUMBER: 08/192,943  
 ; FILING DATE: February 7, 1994  
 ; APPLICATION NUMBER: 07/987,132  
 ; FILING DATE: December 7, 1992  
 ; APPLICATION NUMBER: 07/936,422  
 ; FILING DATE: August 26, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 209/035  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 542:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-435-628-542

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 64.7%; Pred. No. 4.6e+02;  
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 662 CATGACGCTGAAGTCA 678  
 |||||  
 Db 1 CAUGCACUUGCAGCUCA 17

RESULT 461  
 US-08-292-620A-1708  
 ; Sequence 1708, Application US/08292620A  
 ; Patent No. 5837542  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1708:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1708  
Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 4.6e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;  
Qy 661 TCATGCAGCTGAGCTC 677  
Db 1 UCCGCGCUCGAGCUC 17  
RESULT 462  
US-08-721-689-2  
Sequence 2, Application US/08721689  
Patent No. 5856101  
GENERAL INFORMATION:  
APPLICANT: Hubbell, Earl A.  
APPLICANT: Lipshutz, Robert J.  
APPLICANT: Morris, Macdonald S.  
APPLICANT: Winkler, James L.  
TITLE OF INVENTION: Computer-Aided Engineering System  
for Design of Sequence Arrays and Lithographic Masks  
TITLE OF INVENTION: for Design of Sequence Arrays and Lithographic Masks  
PRIOR APPLICATION DATA:  
NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/721,689  
FILING DATE: 27-SEPTEMBER-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael J. Ritter  
REGISTRATION NUMBER: 36,653  
REFERENCE/DOCKET NUMBER: 16528X-58-2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-326-2400  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
US-08-721-689-2  
Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 794 ACTGCAGGACTGACTGA 810  
Db 1 ACTGCAGGACTGACTGA 17  
RESULT 463  
US-08-762-500-82  
Sequence 82, Application US/08762500  
Patent No. 6030806  
GENERAL INFORMATION:  
APPLICANT: Landes, Gregory M.  
APPLICANT: Burn, Timothy D.  
APPLICANT: Connors, Timothy D.  
APPLICANT: Dackowski, William R.  
APPLICANT: Van Raay, Terence J.  
APPLICANT: Klinger, Katherine W.  
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,  
METHODS OF MAKING AND USING SAME  
TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME  
NUMBER OF SEQUENCES: 83  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENZYME CORPORATION  
STREET: One Mountain Road  
CITY: Framingham  
STATE: Massachusetts  
COUNTRY: United States of America  
ZIP: 01701  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/762,500  
FILING DATE: 09-DEC-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/665,259

```
; FILING DATE: 17-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10469
; FILING DATE: 17-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IG5-9.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide primer -
; DESCRIPTION: sense strand"
; US-08-762-500-82

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 835 CTGGTACCAGAACACAG 851
DB 1 CTGCAACCAACACAG 17

RESULT 464
US-08-985-162-293
; Sequence 293, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-360

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 414 CAGGCTCTCCGGTGCC 430
DB 1 CAUGCCCUUGGCGGCC 17

RESULT 465
US-08-985-162-360
; Sequence 360, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 360:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-360

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 349 CCAGCGCCAACTGTCA 365
```

Db 1 CCAGCGCUACUUGUCA 17

RESULT 466

US-08-985-162-645/c

Sequence 645, Application US/08985162

Patent No. 6057156

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir

APPLICANT: Fell, Patricia

APPLICANT: McSwiggen, James

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT

TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED

TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

TITLE OF INVENTION: FACTOR RECEPTORS

NUMBER OF SEQUENCES: 1877

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/985,162

FILING DATE: 04 December 1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/036,476

FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 645:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-985-162-645

Query Match

Best Local Similarity 82.4%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGCAG 769

Db 17 CTTAAGGAGATTCAGA 1

RESULT 467

US-08-998-099-29/c

Sequence 29, Application US/08998099A

Patent No. 6103890

GENERAL INFORMATION:

APPLICANT: JARVIS, THALE

APPLICANT: MCSWIGGEN, JAMES A.

APPLICANT: STINCHCOMB, DAN T.

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS

FILE REFERENCE: 231/175

US-08-998-099-29

Query Match

Best Local Similarity 82.4%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 TGGAGAGAGTGTGAG 788

Db 17 TGGAGAGAGTCTGCG 1

RESULT 468

US-09-071-845-1708

Sequence 1708, Application US/09071845

Patent No. 6132967

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/071,845

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620

FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1708:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-1708

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.4%; Pred. No. 4.6e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 661 TCATCGACGTGAAGTC 677  
DB 1 UCCUGCCUCUGAAGCUC 17

## RESULT 469

US-08-834-497A-50  
Sequence 50, Application US/08834497A  
Patent No. 6140305

## GENERAL INFORMATION:

APPLICANT: Thomas, Winston J.  
APPLICANT: Drayna, Dennis T.  
APPLICANT: Feder, John N.  
APPLICANT: Gairke, Andreas  
APPLICANT: Ruddy, David  
APPLICANT: Teuchihashi, Zenta  
APPLICANT: Wolff, Roger K.  
TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS  
NUMBER OF SEQUENCES: 76

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036-2811

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/834,497A

FILING DATE: 04-APR-1997

## CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/652,265

FILING DATE: 23-MAY-1996

## CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/632,673

FILING DATE: 16-APR-1996

## CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/630,912

FILING DATE: 04-APR-1996

## CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Poissant, Brian M.

REGISTRATION NUMBER: 28,462

REFERENCE/DOCKET NUMBER: 8907-0056-999

TELEPHONE: 650-493-4935

TELEFAX: 650-493-5556

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 50:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-834-497A-50

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 TGGTGCTGAAGCTGGT 839  
DB 1 TGGTGCTCCACCTGGT 17

## RESULT 470

US-08-974-549A-481/C  
Sequence 481, Application US/08974549A  
Patent No. 6166178

## GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin B.  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 727  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/974,549A

FILING DATE: 19-NOV-1997

## CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/724,643

FILING DATE: 01-OCT-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/844,419

FILING DATE: 18-APR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/846,017

FILING DATE: 25-APR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/851,643

FILING DATE: 06-MAY-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/854,050

FILING DATE: 09-MAY-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/911,312

FILING DATE: 14-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/912,951

FILING DATE: 14-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/915,503

FILING DATE: 14-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/US97/17618

FILING DATE: 01-OCT-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/US97/17885

FILING DATE: 01-OCT-1997



Query Match	1.5%	Score 12.2	DB 1	Length 17
Best Local Similarity	82.4%	Pred. No. 4.6e+02		
Matches	14	Conservative	0	Mismatches 3; Indels 0; Gaps 0;
QY	626	CAGCGCTCAGTCCGCT	642	
DB	17	CAGCGCTCGTCTCT	1	
RESULT 471				
US-08-584-040-2349/c				
Sequence 2349, Application US/08584040				
Patent No. 6346398				
GENERAL INFORMATION:				
APPLICANT: Pavco, Pamela				
APPLICANT: McSwiggen, James				
APPLICANT: Stinchcomb, Dan T.				
TITLE OF INVENTION: METHOD AND REAGENT FOR THE				
TITLE OF INVENTION: TREATMENT OF DISEASES OR				
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS				
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL				
TITLE OF INVENTION: GROWTH FACTOR				
NUMBER OF SEQUENCES: 8502				
CORRESPONDENCE ADDRESS:				
ADDRESSEE: Lyon & Lyon				
STREET: 633 West Fifth Street				
CITY: Los Angeles				
STATE: California				
COUNTRY: U.S.A.				
ZIP: 90071-2066				
COMPUTER READABLE FORM:				
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb				
COMPUTER: IBM Compatible				
OPERATING SYSTEM: IBM P.C. DOS 5.0				
SOFTWARE: Word Perfect 5.1				
CURRENT APPLICATION DATA:				
APPLICATION NUMBER: US/08/584,040				
FILING DATE: January 11, 1996				
CLASSIFICATION: 514				
PRIOR APPLICATION DATA:				
APPLICATION NUMBER: 60/005,974				
FILING DATE: October 26, 1995				
ATTORNEY/AGENT INFORMATION:				
NAME: Warburg, Richard J.				
REGISTRATION NUMBER: 32,327				
REFERENCE/DOCKET NUMBER: 218/064				
TELEPHONE: (213) 489-1600				
TELEFAX: (213) 955-0440				
INFORMATION FOR SEQ ID NO: 2855:				
SEQUENCE CHARACTERISTICS:				
LENGTH: 17 base pairs				
TYPE: nucleic acid				
STRANDEDNESS: single				
TOPOLOGY: linear				
MOLECULE TYPE: DNA				
FEATURE:				
NAME/KEY:				
LOCATION: 1..17				
OTHER INFORMATION: /note= "Nam4 primer"				
US-08-974-549A-481				
Query Match	1.5%	Score 12.2	DB 1	Length 17
Best Local Similarity	82.4%	Pred. No. 4.6e+02		
Matches	14	Conservative	0	Mismatches 3; Indels 0; Gaps 0;
QY	626	CAGCGCTCAGTCCGCT	642	
DB	17	CAGCGCTCGTCTCT	1	
RESULT 471				
US-08-584-040-2349/c				
Sequence 2349, Application US/08584040				
Patent No. 6346398				
GENERAL INFORMATION:				
APPLICANT: Pavco, Pamela				
APPLICANT: McSwiggen, James				
APPLICANT: Stinchcomb, Dan T.				
TITLE OF INVENTION: METHOD AND REAGENT FOR THE				
TITLE OF INVENTION: TREATMENT OF DISEASES OR				
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS				
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL				
TITLE OF INVENTION: GROWTH FACTOR				
NUMBER OF SEQUENCES: 8502				
CORRESPONDENCE ADDRESS:				
ADDRESSEE: Lyon & Lyon				
STREET: 633 West Fifth Street				
CITY: Los Angeles				
STATE: California				
COUNTRY: U.S.A.				
ZIP: 90071-2066				
COMPUTER READABLE FORM:				
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb				
COMPUTER: IBM Compatible				
OPERATING SYSTEM: IBM P.C. DOS 5.0				
SOFTWARE: Word Perfect 5.1				
CURRENT APPLICATION DATA:				
APPLICATION NUMBER: US/08/584,040				
FILING DATE: January 11, 1996				
CLASSIFICATION: 514				
PRIOR APPLICATION DATA:				
APPLICATION NUMBER: 60/005,974				
FILING DATE: October 26				

Qy 508 TGGCCAGTTTGGCATT 524  
:  
Db 1 UGGCUAGUUUUGCCUU 17

RESULT 473  
US-08-5948-040-5915/c  
; Sequence 5915, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwigger, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; SUITE: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.

Query Match	1.5%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. NO. 4.6e+02;		
Matches	14.	Conservative	0.	Mismatches 3;
			Indels	0;
			Gaps	0;

QY 784 GTGAGCGCAAACTGCAG 800  
||| ||| ||| ||| |||  
pb 17 GTCAGCGTGAACCTGCAG 1

RESULT 474  
US-08-584-040-7412  
; Sequence 7412, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7412:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 4.6e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY · 202 TCCTGGGTTCCAGCCC 218  
: ||: | :: | ||||  
pb 1 TCCUCCGCTUCCAGCCC 17

RESULT 475  
US-08-584-040-4767  
; Sequence 7767, Application US/08584040  
; Patent No. 6346358  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Smithcomb, Dant.

APPLICANT: ESCOBEDO, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700

City: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7767:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7767

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 4.6e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

OY 922 GCGGACTTTCAGTTT 938  
Db 1 GCGGACUUCGACU 17

RESULT 476  
US-08-584-040-7775/c  
Sequence 7775, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7775:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7775

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 766 CAGACTGGAGAGAG 782  
Db 17 CACAGCTGGAGAGCAG 1

RESULT 477  
US-08-679-645-176  
Sequence 176, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.

```
;
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-666
;
; INFORMATION FOR SEQ ID NO: 176:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-176
;
; Query Match 1.5%; Score 12.2; DB 1; Length 17;
; Best Local Similarity 70.6%; Pred. No. 4.6e+02;
; Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
;
; QY 563 GCAGGATCTCTCGTCG 579
; Db 1 GCAGGATCTCTCGTCG 17
;
; RESULT 478
; US-08-679-645-666
; Sequence 666, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 666:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-666
;
; Query Match 1.5%; Score 12.2; DB 1; Length 17;
; Best Local Similarity 70.6%; Pred. No. 4.6e+02;
; Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
;
; QY 412 AGCAGGCTCTCGGCTG 428
; Db 1 AGCAGGCTCTCGGCTG 17
;
; RESULT 479
; US-08-912-951-248/c
; Sequence 248, Application US/08912951
; Patent No. 8475789
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
; TITLE OF INVENTION: THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,951
; FILING DATE: 14-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
```

TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 248:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRADEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-912-951-248

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 626 CAGCGCTCAGTCCCGCT 642  
DB 17 CAGCGCTCAGTCCCGCT 1

RESULT 480  
US-09-474-432B-332/c  
Sequence 332, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
FILE REFERENCE: MHB00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 332  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-332

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 143 GCGGCTCAGTCCCAT 159  
DB 17 GCGGCTCAGTCCCAT 1

RESULT 481  
US-09-474-432B-605  
Sequence 605, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
FILE REFERENCE: MHB00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 605  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-605

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 4.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGTGCAGCT 155  
DB 1 CUGCGGAGCUGCAGCU 17

RESULT 482  
US-09-474-432B-684  
Sequence 684, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
FILE REFERENCE: MHB00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 684  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-684

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCAGAGA 370  
DB 1 GCCAACCGGCAGAGGA 17

RESULT 483

US-09-371-772B-894/c  
 ; Sequence 894, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MEH800,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 894  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-371-772B-894

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 583 ACGTGCTTACTTCCGG 599  
 ||||| |||||  
 Db 17 ACGTGACTGACTCTCG 1

RESULT 484  
 US-09-371-772B-1379  
 ; Sequence 1379, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MEH800,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1379  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-371-772B-1379

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 41.2%; Pred. No. 4.6e+02;  
 Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;  
 QY 508 TGCCAGTTTGGCATTT 524  
 :||| :||| :||| :||| :||| :||| :|||  
 Db 1 UGGCUAGUUUGCCUU 17

RESULT 485  
 US-09-371-772B-2754/c

; Sequence 2754, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MEH800,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 2754  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-2754

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 784 GTGAGCGCAAACTGCAG 800  
 ||||| ||||| ||||| |||||  
 Db 17 GTCAGCGTGAACGTCAG 1

RESULT 486  
 US-09-371-772B-3219  
 ; Sequence 3219, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MEH800,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3219  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3219

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 58.8%; Pred. No. 4.6e+02;  
 Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;  
 QY 202 TCTGGGTCCAGCCC 218  
 :||| :||| :||| :||| :||| :||| :|||  
 Db 1 UCCUCGCUCCAGCCC 17

RESULT 487  
 US-09-371-772B-3551  
 ; Sequence 3551, Application US/09371772B

RESULT 491  
US-09-371-772B-6180/c  
; Sequence 6180, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:

; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6180  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6180

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 190 GCGGGTCAGTTCCCTG 206  
DB 17 GCCAAGTCAGTTCCCG 1

## RESULT 492

US-09-371-772B-6439/c  
; Sequence 6439, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6439  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6439

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGCA 152  
DB 17 CTGCTAGTGGGCTGCA 1

## RESULT 493

US-09-325-601-1  
; Sequence 1, Application US/09325601  
; Patent No. 6573045  
; GENERAL INFORMATION:  
; APPLICANT: Karn

; APPLICANT: Prescott  
; TITLE OF INVENTION: Methods and Kits for Discovery of RNA-Binding Compounds  
; FILE REFERENCE: 3950/81235  
; CURRENT APPLICATION NUMBER: US/09/325,601  
; CURRENT FILING DATE: 1999-06-03  
; NUMBER OF SEQ ID NOS: 53  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Human immunodeficiency virus  
US-09-325-601-1

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 4.6e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729  
DB 1 AGCCAGAUUGAGCAGC 17

## RESULT 494

US-09-402-181B-481/c  
; Sequence 481, Application US/09402181B  
; Patent No. 6610839  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin B.  
; Andrews, William H.  
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
; NUMBER OF SEQUENCES: 633  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,181B  
; FILING DATE: 29-Sep-1997  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; APPLICATION NUMBER: US 08/851,843  
; FILING DATE: 06-MAY-1997  
; APPLICATION NUMBER: US 08/854,050  
; FILING DATE: 09-MAY-1997  
; APPLICATION NUMBER: US 08/911,312  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: US 08/912,951  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: US 08/915,503  
; FILING DATE: 14-AUG-1997  
; APPLICATION NUMBER: WO PCT/US97/17885  
; FILING DATE: 01-OCT-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ausenhus, Scott L.



```
/
/ REGISTRATION NUMBER: 42,271
/ REFERENCE/DOCKET NUMBER: 015389-002620US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 481:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..17
/ OTHER INFORMATION: /note= "Nam4 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 481:
US-09-402-181B-481

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      626 CAGCGCTCAGTCCGCT 642
Db      17 CAGCGCTCGTCTGCT 1

RESULT 495
US-09-721-456-481/c
/ Sequence 481, Application US/09721456
/ Patent No. 6617110
/ GENERAL INFORMATION:
/ APPLICANT: Cech, Thomas R.
/ LINGNER, Joachim
/ NAKAMURA, Toru
/ CHAPMAN, Karen B.
/ MORIN, Gregg B.
/ HARLEY, Calvin B.
/ ANDREWS, William H.
/ TITLE OF INVENTION: Human Telomerase Catalytic Subunit
/ NUMBER OF SEQUENCES: 727
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/721,456
/ FILING DATE: 22-Nov. 6617110-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/974,549A
/ FILING DATE: 19-NOV-1997
/ APPLICATION NUMBER: US 08/724,643
/ FILING DATE: 01-OCT-1996
/ APPLICATION NUMBER: US 08/844,419
/ FILING DATE: 18-APR-1997
/ APPLICATION NUMBER: US 08/846,017
/ FILING DATE: 25-APR-1997
/ APPLICATION NUMBER: US 08/851,843
/ FILING DATE: 06-MAY-1997
/ APPLICATION NUMBER: US 08/854,050
/ FILING DATE: 09-MAY-1997
/ APPLICATION NUMBER: US 08/911,312
/ FILING DATE: 14-AUG-1997
```

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/
/ APPLICATION NUMBER: US 08/912,951
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/915,503
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: WO PCT/US97/17618
/ FILING DATE: 01-OCT-1997
/ APPLICATION NUMBER: WO PCT/US97/17885
/ FILING DATE: 01-OCT-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph Ted
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 481:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..17
/ OTHER INFORMATION: /note= "Nam4 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 481:
US-09-721-456-481

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      626 CAGCGCTCAGTCCGCT 642
Db      17 CAGCGCTCGTCTGCT 1

RESULT 496
US-09-476-387-331/c
/ Sequence 331, Application US/09476387
/ Patent No. 6617438
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpeisky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleoside Triphosphate and their Incorporation into Oligonucleot;
/ FILE REFERENCE: MEH00-831-C (249/073)
/ CURRENT APPLICATION NUMBER: US/09/476,387
/ CURRENT FILING DATE: 2001-04-04
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1524
/ SOFTWARE: Patent in version 3.0
/ SEQ ID NO 331
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-476-387-331

Query Match      1.5%; Score 12.2; DB 1; Length 17;
```

Best Local Similarity 82.4%; Pred. No. 4.6e+02; Mismatches 3; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGCTCAT 159  
| | | | | | | | | |  
Db 17 GGGAGCCGCGAGCTTCAT 1

## RESULT 497

US-09-476-387-604  
; Sequence 604, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MEH900-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 604  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-604

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 4.6e+02; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTGGGGCTGCAGCT 155  
| | | | | | | | | |  
Db 1 CUGCGGAGCUGCAGCU 17

## RESULT 498

US-09-476-387-683  
; Sequence 683, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MEH900-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 683  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-683

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02; Mismatches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCACAAGA 370  
| | | | | | | | | |  
Db 1 GCCAACCGCCAGGGA 17

## RESULT 499

US-09-401-063-293  
; Sequence 293, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FASTSEQ for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 293:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-401-063-293

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Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 414 CAGGCTCTCGGTGCC 430
    |||||:|||||
Db 1 CAUGCCCUUGGCGUGCC 17

RESULT 500
US-09-401-063-360
; Sequence 360, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 360:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-360

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 349 CCAGCGCCACCTGTCA 355
    |||||:|||||
Db 1 CCAGCGCUACCUUGUCA 17

RESULT 501
US-09-401-063-645/c
; Sequence 645, Application US/09401063
```

```
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 645:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-645

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769
    |||||:|||||
Db 17 CTTAAGGAGATTCAGA 1

RESULT 502
US-09-827-998-367/c
; Sequence 367, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
```

; NUMBER OF SEQ ID NOS: 1881  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6656700  
 ; SEQ ID NO 367  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-827-998-367

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 570 TCCTCGCTGCTACGT 586  
 |||||  
 Db 17 TCCTCGCTACCTGAAGT 1

## RESULT 503

; US-09-827-998-466  
 ; Sequence 466, Application US/09827998

; Patent No. 6656700

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MHMORF-8

; CURRENT APPLICATION NUMBER: US/09/827,998

; CURRENT FILING DATE: 2001-04-06

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6656700

; SEQ ID NO 466

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-827-998-466

## Query Match

Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 770 ACTGAGAGAGAGTG 786  
 |||||  
 Db 1 ACTGAGAGAGAGGGG 17

## RESULT 504

; US-09-866-108A-176  
 ; Sequence 176, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 176  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-176

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 613 TGGCCATCTCAACGCG 629  
 |||||  
 Db 1 TGGCCATCTCATCGC 17

## RESULT 505

; US-09-866-108A-199

; Sequence 199, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

```

; SEQ ID NO 199
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-199

Query Match
Best Local Similarity 1.5%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 820 CTGTGGGTGCTGAAGCT 836
DB 1 CTGTGGGAGCAGAAGAT 17

RESULT 506
US-09-866-108A-212/c
; Sequence 212, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 212
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-212

Query Match
Best Local Similarity 1.5%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 GCCTCTTCTCGACTCT 551
DB 17 GTCTCTTCCCGAATCT 1

RESULT 507
US-09-866-108A-559
; Sequence 559, Application US/09866108A

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; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 560  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-560

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 724 AGGAGCTGCGGTACAGT 740  
|||||  
DB 1 AGGAGCTGGCTCCAGT 17

RESULT 509  
US-09-866-108A-561  
; Sequence 561, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188  
; SEQ ID NO 561  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-561

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGTG 741  
|||||  
DB 1 GGAGCTGGCTCCAGTG 17

RESULT 510  
US-09-866-108A-1387  
; Sequence 1387, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1387  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1387

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 665 GCAGCTGAAGCTCACAG 681  
|||||  
DB 1 GCAGGTGAAGCTCGAG 17

RESULT 511  
US-09-866-108A-2231/c



; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6541  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6541

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 426 CTGCCCCCTGCTAGTCT 442  
 ||||| |||||  
 DB 17 CTGCCCCAGGCTTGCT 1

## RESULT 514

US-09-866-108A-6619  
 ; Sequence 6619, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6619  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6619

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGCTGC 429  
 ||||| |||||  
 DB 1 GGAGGCTCTGCTGCTGC 17

## RESULT 515

US-09-866-108A-6710/c  
 ; Sequence 6710, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6710  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6710

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 261 GACAGGAGCACCTTCAG 277  
 ||||| |||||  
 DB 17 GACATGAGCTTCTTCAG 1

## RESULT 516

US-09-866-108A-7379  
 ; Sequence 7379, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6710  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6710

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 261 GACAGGAGCACCTTCAG 277  
 ||||| |||||  
 DB 17 GACATGAGCTTCTTCAG 1

## RESULT 517

US-09-866-108A-7379  
 ; Sequence 7379, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6



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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7379
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7379

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; 249 TTGAGGACTTAGACAG 265
; 1 TTGATGACTTGAAG 17
; 1 TTGATGACTTGAAG 17

RESULT 517
US-09-866-108A-7380
; Sequence 7380, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7380
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7684

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; 250 TGAAGGACTTAGACAG 266
; 1 TGAATGACTTGAAG 17
; 1 TGAATGACTTGAAG 17

RESULT 518
US-09-866-108A-7684
; Sequence 7684, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7684
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7684

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; 773 GGAGAGAGGTGAGC 789
; 1 GCAGAGAGGTGACC 17
; 1 GCAGAGAGGTGACC 17
```

```

RESULT 519
US-09-866-108A-8240
; Sequence 8240, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8240
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8240

Query Match 1.58; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.48; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CAGCGGACTTTCAGGT 936
Db 1 CATCGGACTTTCAGT 17

RESULT 520
US-09-866-108A-8309/c
; Sequence 8309, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8240
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8240

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8309
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8309

Query Match 1.58; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.48; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGGATCTGCAC 693
Db 17 CCCAGAGGAGCTGCAC 1

RESULT 521
US-09-866-108A-8377/c
; Sequence 8377, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30

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; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8377  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8377

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 407 GCTCCAGCAGGCTCC 423  
Db 17 GCTCCAGCTGGCTGTC 1

RESULT 522  
US-09-866-108A-8493/c  
; Sequence 8493 Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8493  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8493

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCAGGCTCT 421  
Db 17 CTCATCCACGAGGCTCT 1

RESULT 523  
US-09-866-108A-8950  
; Sequence 8950, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8950  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8950

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 458 CCAGGAAGAGCTCCAGG 474  
Db 1 CCTGGAAGAGCTGAAGG 17

RESULT 524  
US-09-866-108A-8996/c  
; Sequence 8996, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456

;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8996  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8996

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 420 CTCGGCTGCCCTCC 436  
DB 17 CGCGGCTGCCCTCC 1

RESULT 525  
US-09-866-108A-9035  
;; Sequence 9035, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ACOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 9035  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-9035

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 597 CGGTGGCGGTGGACGT 613  
DB 1 CGGTGGCGGTGGACGT 17

;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 9035  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-9035

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 333 GTGAGCAACTTGTGC 349  
DB 1 GTGAGCAACTTGCAGC 17

RESULT 526  
US-09-866-108A-10477  
;; Sequence 10477, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ACOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 10477  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-10477

Query Match 1.5%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 597 CGGTGGCGGTGGACGT 613  
DB 1 CGGTGGCGGTGGACGT 17

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RESULT 527
US-07-882-838E-14
; Sequence 14, Application US/07882838E
; Patent No. 5616461
; GENERAL INFORMATION:
; APPLICANT: Priscilla A. Schaffer
; APPLICANT: Christine E. Dabrowski Amaral
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF VIRUS INFECTIONS
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; STREET: One Liberty Place
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,838E
; FILING DATE: May 14, 1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathryn Leary
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: DPCI-0001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-882-838E-14
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5,1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 AGAAGAGTGTGAGCGC 791
Db 1 AAAAGAGTGTGAGCGC 17

RESULT 528
US-08-320-559-15/c
; Sequence 15, Application US/08320559
; Patent No. 5633135
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; APPLICANT: Canaan, Eli
; TITLE OF INVENTION: Diagnostics and Methods for
; TITLE OF INVENTION: Detection and Treatment of Acute Leukemias
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the
; TITLE OF INVENTION: All-1 Region
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5633135ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA

```

```

; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/320,559
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/062,443
; FILING DATE: 14 MAY 1993
; PRIOR APPLICATION DATA: US/07/971,094
; APPLICATION NUMBER:
; FILING DATE: 30-OCT-92
; APPLICATION NUMBER: US/07/888,830
; FILING DATE: 27-MAY-92
; PRIOR APPLICATION DATA: US/07/805,093
; FILING DATE: 11-DEC-91
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0855
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: NO
US-08-320-559-15
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5,1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGACTGTGAGAGAG 782
Db 17 CAGATCTAGAAAAGAG 1

RESULT 529
US-08-327-392-15/c
; Sequence 15, Application US/08327392
; Patent No. 5633136
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; APPLICANT: Canaan, Eli
; TITLE OF INVENTION: ALL-1 Polynucleotides and Monoclonal
; TITLE OF INVENTION: Antibodies for Leukemia Detection and
; TITLE OF INVENTION: Treatment
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5633136ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/327,392

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; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/971,094
; FILING DATE: 30-OCT-92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/888,830
; FILING DATE: 27-MAY-92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/805,093
; FILING DATE: 11-DEC-91
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1331
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: No
; US-08-327-392-15

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 766 CAGACTCGAGAGAGAG 782
Db 17 CAGATCTAGAAAAGAG 1

RESULT 530
US-08-540-448-23
; Sequence 23, Application US/08540448
; Patent No. 5786145
; GENERAL INFORMATION:
; APPLICANT: KARN, JONATHAN
; APPLICANT: GAIT, MICHAEL J.
; APPLICANT: HEAPHY, SHAUN
; APPLICANT: DINGWALL, COLIN
; TITLE OF INVENTION: VIRAL GROWTH INHIBITION
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/540,448
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,102
; FILING DATE: 18-MAR-1993
; APPLICATION NUMBER: GB 9020541.0
; FILING DATE: 20-SEP-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Oslon, No. 5786145man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 3077-007-0 PCT

; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/971,094
; FILING DATE: 30-OCT-92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/888,830
; FILING DATE: 27-MAY-92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/805,093
; FILING DATE: 11-DEC-91
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1331
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: No
; US-08-327-392-15

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 766 CAGACTCGAGAGAGAG 782
Db 17 CAGATCTAGAAAAGAG 1

RESULT 531
US-08-761-131-3
; Sequence 3, Application US/08761131
; Patent No. 5804384
; GENERAL INFORMATION:
; APPLICANT: M ller, Uwe R. et al.
; TITLE OF INVENTION: DEVICES AND METHODS FOR DETECTING
; TITLE OF INVENTION: MULTIPLE ANALYTES IN SAMPLES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Vysis, Inc.
; STREET: 3100 Woodcreek Drive
; CITY: Downers Grove
; STATE: Illinois
; COUNTRY: U.S.A.
; ZIP: 60515
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/761,131
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Galloway, No. 5804384val B.
; REGISTRATION NUMBER: 33,595
; REFERENCE/DOCKET NUMBER: 01886/064001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708-271-7417
; TELEFAX: 708-271-7048
; TELETYPE: 200154
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-08-761-131-3

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 488 TCAGATCTAATTGGAG 504
```

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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELETYPE: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: Other nucleic acid;
; DESCRIPTION: RNA (synthetic)
; US-08-540-448-23

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 728 GCTGCGGTACAGTGTAG 744
Db 1 GCUGCGGACAGGCCAG 17

RESULT 531
US-08-761-131-3
; Sequence 3, Application US/08761131
; Patent No. 5804384
; GENERAL INFORMATION:
; APPLICANT: M ller, Uwe R. et al.
; TITLE OF INVENTION: DEVICES AND METHODS FOR DETECTING
; TITLE OF INVENTION: MULTIPLE ANALYTES IN SAMPLES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Vysis, Inc.
; STREET: 3100 Woodcreek Drive
; CITY: Downers Grove
; STATE: Illinois
; COUNTRY: U.S.A.
; ZIP: 60515
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/761,131
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Galloway, No. 5804384val B.
; REGISTRATION NUMBER: 33,595
; REFERENCE/DOCKET NUMBER: 01886/064001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708-271-7417
; TELEFAX: 708-271-7048
; TELETYPE: 200154
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-08-761-131-3

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 488 TCAGATCTAATTGGAG 504
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Db      1 TGAGGTTCTCATTGGAG 17
      ||||| ||||| ||||| |||||
RESULT 532
US-08-410-540-23/c
; Sequence 23, Application US/08410540
; Patent No. 5807678
; GENERAL INFORMATION:
; APPLICANT: Miller, Walter L.
; APPLICANT: Lin, Dong
; APPLICANT: Straus III, Jerome F.
; TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
; TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: CA
; COUNTRY: US
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,540
; FILING DATE: 23-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAL-238/00US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415 853 5070
; TELEFAX: 415 857 0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-410-540-23
Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      501 GCAGATTGCCAGTTT 517
Db      18 TGAGATTGCCAGTTT 2
      ||||| ||||| ||||| |||||
RESULT 533
US-08-410-950B-23
; Sequence 23, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 24:
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 24:
```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-08-541-950B-23
Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      713 AGCCAAATTCAGGAGCT 730
Db      1 AGCCAGANUUGAGCAGCU 18
      ||||| ||||| ||||| |||||
RESULT 534
US-08-541-950B-24
; Sequence 24, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 24:
```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9
; OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-08-541-950B-24
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGCT 730
DB 1 AGCCAGAUNUGAGCAGCU 18

RESULT 535
US-08-541-950B-25
; Sequence 25, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA: 07/960,370
; APPLICATION NUMBER: 03/19/93
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (WRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-08-541-950B-25
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGCT 730
DB 1 AGCCAGAUNUGAGCAGCU 18

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RESULT 536
US-08-585-684B-2685/c
; Sequence 2685, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA: 60/000,951
; APPLICATION NUMBER: July 7, 1995
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2685:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2685
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 768 GAACGTGAGAGAGAGTG 784
DB 17 GCACGTGAGAGAGAGTG 1

RESULT 537
US-08-857-946-25
; Sequence 25, Application US/08857946
; Patent No. 5994075
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: 75 State Street
; CITY: Boston
; STATE: Massachusetts

```



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;
; COUNTRY: USA
; ZIP: 02109-1807
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/857,946
; FILING DATE: 16-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/60/017,824
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3529/05573
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-857-946-25

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTTGAAGGA 256
Db 2 GCTCTGCACATGAAGGA 18

RESULT 538
US-09-106-038A-76
; Sequence 76, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-09-106-038A-76

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 420 CTCGGCTGCCCTGC 436
Db 2 CTCCTGCTTGCCCTGC 18

RESULT 539
US-08-970-740-25
; Sequence 25, Application US/08970740
; Patent No. 6015670
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: 28 State Street, 28th Floor
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,740
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/857,946
; FILING DATE: 16-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/017,824
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3529/59829
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-227-7111
; TELEFAX: 617-227-4399
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-970-740-25

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTTGAAGGA 256
Db 2 GCTCTGCACATGAAGGA 18

RESULT 540
US-08-545-860D-15/c
; Sequence 15, Application US/08545860D
```

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;
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-106-038A-76

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 420 CTCGGCTGCCCTGC 436
Db 2 CTCCTGCTTGCCCTGC 18

RESULT 539
US-08-970-740-25
; Sequence 25, Application US/08970740
; Patent No. 6015670
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: 28 State Street, 28th Floor
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,740
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/857,946
; FILING DATE: 16-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/017,824
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3529/59829
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-227-7111
; TELEFAX: 617-227-4399
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-970-740-25

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTTGAAGGA 256
Db 2 GCTCTGCACATGAAGGA 18

RESULT 540
US-08-545-860D-15/c
; Sequence 15, Application US/08545860D
```

Patent No. 6040140  
GENERAL INFORMATION:  
APPLICANT: Croce, Carlo  
APPLICANT: Canaan, Eli  
TITLE OF INVENTION: Diagnostics, Therapeutics and Methods  
TITLE OF INVENTION: For Detection and Treatment of Acute Leukemias  
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1 Region  
NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &  
ADDRESSEE: No. 6040140-15  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/545,860D  
FILING DATE: 07-MAR-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/04496  
FILING DATE: 22-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/10930  
FILING DATE: 09-DEC-1992  
PRIOR APPLICATION DATA: US 08/327,392  
APPLICATION NUMBER: US 08/327,392  
FILING DATE: 19-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/320,559  
FILING DATE: 11-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/062,443  
FILING DATE: 14-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/971,094  
FILING DATE: 30-OCT-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/888,839  
FILING DATE: 27-MAY-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/805,093  
FILING DATE: 11-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: DeLuca Esq., Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-1262  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: NO  
US-08-545-860D-15  
Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
OY 766 CAGAACTGGAGAAG 782  
Db 17 CAGATCTAGAAAG 1

RESULT 541  
US-09-205-143-74  
Sequence 74, Application US/09205143  
Patent No. 6107091  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION  
FILE REFERENCE: RTS-0032  
CURRENT APPLICATION NUMBER: US/09/205,143  
CURRENT FILING DATE: 1998-12-03  
NUMBER OF SEQ ID NOS: 87  
SEQ ID NO 74  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-143-74  
Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
OY 838 GTACCAGAACACAGCCC 854  
Db 1 GTCCAGAACCTGCCCC 17  
RESULT 542  
US-09-280-409-114/c  
Sequence 114, Application US/09280409  
Patent No. 6107092  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowser  
APPLICANT: C. Frank Bennett  
APPLICANT: Bert W. O'Malley  
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION  
FILE REFERENCE: RTS-0048  
CURRENT APPLICATION NUMBER: US/09/280,409  
CURRENT FILING DATE: 1999-03-29  
NUMBER OF SEQ ID NOS: 146  
SEQ ID NO 114  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-280-409-114  
Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
OY 683 TGGATCTGCACACCGCT 699  
Db 18 TGTATCTGCAACCTCT 2  
RESULT 543  
US-09-083-756A-23  
Sequence 23, Application US/09083756A  
Patent No. 6114109  
GENERAL INFORMATION:  
APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C  
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center, 45th Floor  
CITY: Boston  
STATE: MA  
ZIP: 02111

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/083,756A
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/541,950
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 345-9100
TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic RNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 8
OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-09-083-756A-23
```

```
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 713 AGCCAAATTCAGGAGCT 730
Db 1 AGCCAGAUUGAGCAGCU 18
```

```
RESULT 544
US-09-083-756A-24
Sequence 24, Application US/09083756A
Patent No. 6114109
GENERAL INFORMATION:
APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center, 45th Floor
CITY: Boston
STATE: MA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/083,756A
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/541,950
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 345-9100
TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 24:
```

```
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic RNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9
OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-09-083-756A-24
```

```
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 713 AGCCAAATTCAGGAGCT 730
Db 1 AGCCAGAUUGAGCAGCU 18
```

```
RESULT 545
US-09-083-756A-25
Sequence 25, Application US/09083756A
Patent No. 6114109
GENERAL INFORMATION:
APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center, 45th Floor
CITY: Boston
STATE: MA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/083,756A
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/541,950
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 345-9100
TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic RNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-09-083-756A-25
```

```
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 713 AGCCAAATTCAGGAGCT 730
Db 1 AGCCAGAUUGAGCAGCU 18
```

```

RESULT 548
US-08-929-939-23
; -SEQUENCE 23, Application US/08929939A
; Patent No. 6153382
; GENERAL INFORMATION:
; APPLICANT: Karm
; APPLICANT: Gait
; APPLICANT: Heaphy
; APPLICANT: Dingswall
; TITLE OF INVENTION: Viral Growth Inhibition
; FILE REFERENCE: karm3950.39192
; CURRENT APPLICATION NUMBER: US/08/929,939A
; CURRENT FILING DATE: 1997-09-15

```

```

RESULT 550
US-09-474-922A-44
; Sequence 44, Application US/09474922A
; Patent NO. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0035
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-44

```

```

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 539 TCTTCGACTCTGTAG 555
      |||||
Db 1 TCTTCGCTCTGCAG 17

RESULT 551
US-09-038-073-2685/c
; Sequence 2685, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2685:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2685

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 768 GAACTGAGAGAGTG 784
      |||||
Db 17 GCACTGAGCAGCAGTG 1

RESULT 552
US-08-584-040-6265/c
; Sequence 6265, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James

```

```

; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 6265:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-6265

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 947 GAGTCACAGCTGGCA 963
      |||||
Db 18 GAGACCACAGCAGGCA 2

RESULT 553
US-09-167-109-13
; Sequence 13, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

```
; OTHER INFORMATION: antisense sequence
US-09-167-109-13

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 482 CATTCCTCAGGACTCA 498
  |||||
Db 2 CATTCCTCGGCTTCTCA 18

RESULT 554
US-09-268-544B-34/C
; Sequence 34, Application US/09268544B
; Patent No. 6410710
; GENERAL INFORMATION:
; APPLICANT: Lederman, Seth
; TITLE OF INVENTION: TRAP-3 Deletion Isoforms And Uses Thereof
; FILE REFERENCE: 0575-58732
; CURRENT APPLICATION NUMBER: US/09/268,544B
; CURRENT FILING DATE: 1999-03-11
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-268-544B-34

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 574 CGCTGCTCAGCTGTCT 590
  |||||
Db 17 CCCTGCTCACCTGTGT 1

RESULT 555
US-09-920-760-43/C
; Sequence 43, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-43

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 716 CAAATTCAGGAGCTGC 732
  |||||
Db 18 CAAGCCTCAGGAGCTGC 2

RESULT 556
US-09-920-760-63
; Sequence 63, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 63
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-63

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 TGGAGAGAGAGTGTGAG 788
  |||||
Db 2 TGGAGAGAGAGTGTGAG 18

RESULT 558
US-09-422-978-7466/C
; Sequence 7466, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
```

; EARLIER APPLICATION NUMBER: US 09/298,850  
 ; EARLIER FILING DATE: 1999-04-21  
 ; EARLIER APPLICATION NUMBER: US 60/109,732  
 ; EARLIER FILING DATE: 1998-11-23  
 ; EARLIER APPLICATION NUMBER: US 60/082,614  
 ; EARLIER FILING DATE: 1998-04-21  
 ; NUMBER OF SEQ ID NOS: 11796  
 ; SEQ ID NO 7466  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapiens  
 ; FEATURE:  
 ; NAME/KEY: primer\_bind  
 ; LOCATION: 1..18  
 ; OTHER INFORMATION: upstream amplification primer 99-5098 for SEQ 3532,  
 US-09-422-978-7466

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 902 GTATTTTAAGTGAAG 918  
 |||||  
 Db 18 GGATGTTAGTGAAG 2

RESULT 559  
 US-09-422-978-8004/c  
 ; Sequence 8004, Application US/09422978  
 ; Patent No. 6537751  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cohen, Daniel  
 ; APPLICANT: Blumenfeld, Marta  
 ; APPLICANT: Chumakov, Ilva  
 ; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
 ; FILE REFERENCE: GENSET.020CPI  
 ; CURRENT APPLICATION NUMBER: US/09/422,978  
 ; CURRENT FILING DATE: 1999-10-20  
 ; EARLIER APPLICATION NUMBER: US 09/298,850  
 ; EARLIER FILING DATE: 1999-04-21  
 ; EARLIER APPLICATION NUMBER: US 60/109,732  
 ; EARLIER FILING DATE: 1998-11-23  
 ; EARLIER APPLICATION NUMBER: US 60/082,614  
 ; EARLIER FILING DATE: 1998-04-21  
 ; NUMBER OF SEQ ID NOS: 11796  
 ; SEQ ID NO 8004  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapiens  
 ; FEATURE:  
 ; NAME/KEY: primer\_bind  
 ; LOCATION: 1..18  
 ; OTHER INFORMATION: downstream amplification primer 99-13133 for SEQ 139, in compleme  
 US-09-422-978-8004

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 741 GTAGCTTGGTCCTAA 757  
 |||||  
 Db 18 GTAGACTCGTGGCTAA 2

RESULT 560  
 US-09-371-772B-3023/c  
 ; Sequence 3023, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
 ; FILE REFERENCE: MEH00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3023  
 ; LENGTH: 18  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3023

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 5.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 947 GAGTCAACAGCTGGCA 963  
 |||||  
 Db 18 GAGACACAGCAGGCA 2

RESULT 561  
 US-09-325-601-3  
 ; Sequence 3, Application US/09325601  
 ; Patent No. 6573045  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Karn  
 ; APPLICANT: Prescott  
 ; TITLE OF INVENTION: Methods and Kits for Discovery of RNA-Binding Compounds  
 ; FILE REFERENCE: 3950/81235  
 ; CURRENT APPLICATION NUMBER: US/09/325,601  
 ; CURRENT FILING DATE: 1999-06-03  
 ; NUMBER OF SEQ ID NOS: 53  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 3  
 ; LENGTH: 18  
 ; TYPE: RNA  
 ; ORGANISM: Human immunodeficiency virus  
 US-09-325-601-3

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 64.7%; Pred. No. 5.1e+02;  
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;  
 QY 713 AGCCAAATTCAGGAGC 729  
 |||||  
 Db 1 AGCCAGAUUGAGCAGC 17

RESULT 562  
 US-09-866-028-86/c  
 ; Sequence 86, Application US/09866028  
 ; Patent No. 664360  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul  
 ; APPLICANT: Grimaldi, Christopher  
 ; APPLICANT: Gurney, Austin  
 ; APPLICANT: Hillan, Kenneth  
 ; APPLICANT: Kojavin, Ivar  
 ; APPLICANT: Napier, Mary

APPLICANT: Roy, Margaret  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P2548P1C1  
CURRENT APPLICATION NUMBER: US/09/866,028  
Prior application data removed - consult PALM or file wrapper  
NUMBER OF SEQ ID NOS: 120  
SEQ ID NO 86  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-866-028-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCACGACGAGGATCC 572  
Db 18 CCACAGACGAGGACCC 2

RESULT 563  
PCT-US94-04496-15/c  
Sequence 15, Application PC/TUS9404496  
GENERAL INFORMATION:  
APPLICANT: Croce, Carlo  
TITLE OF INVENTION: Diagnostics, Therapeutics and Methods  
TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias  
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1  
NUMBER OF SEQUENCES: 86  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &  
ADDRESSEE: Norris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: PCT/US94/04496  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: DeLuca Esq., Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: T9U-1242  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: No  
PCT-US94-04496-15

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAAG 782  
Db 17 CAGATCTAGAAAAG 1

RESULT 564  
5176995-14/c  
Patent No. 5176995  
APPLICANT: SNINSJY, JOHN J.; KWOK, SHIRLEY Y.; MACK, DAVID H.;  
ERLICH, HENRY A.; MULLIS, KART B.  
TITLE OF INVENTION: DETECTION OF VIRUSES BY AMPLIFICATION  
AND HYBRIDIZATION  
NUMBER OF SEQUENCES: 22  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,145  
FILING DATE: 15-AUG-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 934,955  
FILING DATE: 26-NOV-1986  
APPLICATION NUMBER: 818,127  
FILING DATE: 10-JAN-1986  
APPLICATION NUMBER: 828,144  
FILING DATE: 07-FEB-1986  
APPLICATION NUMBER: 824,044  
FILING DATE: 30-JAN-1986  
APPLICATION NUMBER: 791,308  
FILING DATE: 25-OCT-1985  
APPLICATION NUMBER: 716,975  
FILING DATE: 28-MAR-1985  
SEQ ID NO: 14  
LENGTH: 18  
5176995-14

Query Match 1.5%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 591 TACTTCGGTGGCGGT 607  
Db 17 TACTACAGTGGCAGCT 1

RESULT 565  
US-08-261-822A-61/c  
Sequence 61, Application US/08261822A  
Patent No. 5650553  
GENERAL INFORMATION:  
APPLICANT: Ecker, Joseph R. et al.  
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene  
TITLE OF INVENTION: and Pathogens  
NUMBER OF SEQUENCES: 82  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/261,822A  
FILING DATE: 17-JUN-1994  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Beardell, Lori Y.  
REGISTRATION NUMBER: 34,293  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100



TELEFAX: (215) 568-3439  
 INFORMATION FOR SEQ ID NO: 61:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 US-08-261-822A-61

Query Match 1.5%; Score 12.2; DB 1; Length 19;  
 Best Local Similarity 82.4%; Pred. No. 5.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 588 TCTTACTCCGTCGCG 604  
 |||||  
 Db 17 TCTTACATGCAGTCGCG 1

RESULT 566  
 PCT-US95-07744A-61/c  
 Sequence 61, Application PC/TUS9507744A  
 GENERAL INFORMATION:  
 APPLICANT: Trustees of The University of Pennsylvania  
 TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene  
 NUMBER OF SEQUENCES: 82  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris  
 STREET: One Liberty Place, 46th floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19103

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US95/07744A  
 FILING DATE: 15-JUNE-1995

CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/261,822  
 FILING DATE: June 17, 1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Beardell, Lori Y.  
 REGISTRATION NUMBER: 34,293  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (215) 568-3100  
 TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 61:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 PCT-US95-07744A-61

Query Match 1.5%; Score 12.2; DB 1; Length 19;  
 Best Local Similarity 82.4%; Pred. No. 5.5e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 588 TCTTACTCCGTCGCG 604  
 |||||  
 Db 17 TCTTACATGCAGTCGCG 1

RESULT 567  
 US-09-040-025-26  
 Sequence 26, Application US/09040025  
 GENERAL INFORMATION:  
 APPLICANT: Borchert, Torben  
 Cherry, Joel  
 Kretschmar, Titus  
 TITLE OF INVENTION: Shuffling of Heterologous DNA Sequences  
 NUMBER OF SEQUENCES: 136  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Novo Nordisk of North America  
 STREET: 405 Lexington Avenue  
 CITY: New York  
 STATE: NY  
 COUNTRY: USA  
 ZIP: 10017

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/040,025  
 FILING DATE: 17-Mar-1998  
 CLASSIFICATION: <Unknown>  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Gregg, Valeta A  
 REGISTRATION NUMBER: 35,127  
 REFERENCE/DOCKET NUMBER: 5113.200-US

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212-867-0123  
 TELEFAX: 212-878-9655  
 TELEX: <Unknown>  
 INFORMATION FOR SEQ ID NO: 26:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 26:  
 US-09-040-025-26

Query Match 1.4%; Score 12; DB 1; Length 14;  
 Best Local Similarity 85.7%; Pred. No. 3.6e+02;  
 Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 392 GGGCACACACCC 405  
 |||||  
 Db 1 GCGCACACACCC 14

RESULT 568  
 US-09-040-025-26  
 Sequence 26, Application US/09040025  
 Patent No. 6117637  
 GENERAL INFORMATION:  
 APPLICANT: Borchert, Torben  
 Kretschmar, Titus  
 Cherry, Joel  
 TITLE OF INVENTION: Shuffling of Heterologous DNA Sequences  
 NUMBER OF SEQUENCES: 136  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: No. 6117637o No. 6117637disk of No. 6117637th America  
 STREET: 405 Lexington Avenue  
 CITY: New York  
 STATE: NY  
 COUNTRY: USA  
 ZIP: 10017

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/040.025  
FILING DATE: 17-MAR-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gregg, Valeta A  
REGISTRATION NUMBER: 35,127  
REFERENCE/DOCKET NUMBER: 5113.200-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
TELEX:  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-040-025-26

Query Match 1.4%; Score 12; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 3.6e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 392 GGGCACACACCC 405  
DB 1 GCGCACACASACCC 14

RESULT 569  
US-09-040-025-28/c  
Sequence 28, Application US/09040025  
Patent No. 6117637  
GENERAL INFORMATION:  
APPLICANT: Borchert, Torben  
APPLICANT: Kretschmar, Titus  
APPLICANT: Cherry, Joel  
TITLE OF INVENTION: Shuffling of Heterologous DNA Sequences  
NUMBER OF SEQUENCES: 136  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6117637 of No. 6117637disk of No. 6117637th America  
STREET: 405 Lexington Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/040.025  
FILING DATE: 17-MAR-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gregg, Valeta A  
REGISTRATION NUMBER: 35,127  
REFERENCE/DOCKET NUMBER: 5113.200-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
TELEX:

INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-040-025-28

Query Match 1.4%; Score 12; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 3.6e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
QY 392 GGGCACACACCC 405  
DB 14 GCGCACACASACCC 1

RESULT 570  
US-09-040-025-28/c  
Sequence 28, Application US/09040025  
GENERAL INFORMATION:  
APPLICANT: Borchert, Torben  
APPLICANT: Kretschmar, Titus  
APPLICANT: Cherry, Joel  
TITLE OF INVENTION: Shuffling of Heterologous DNA Sequences  
NUMBER OF SEQUENCES: 136  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Novo Nordisk of North America  
STREET: 405 Lexington Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/040.025  
FILING DATE: 17-Mar-1998  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Gregg, Valeta A  
REGISTRATION NUMBER: 35,127  
REFERENCE/DOCKET NUMBER: 5113.200-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 28:  
US-09-040-025-28

Query Match 1.4%; Score 12; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 3.6e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 392 GGGCACACACCC 405  
DB 14 GCGCACACASACCC 1

RESULT 571  
US-08-182-968A-417/c  
Sequence 417, Application US/08182968A  
Patent No. 5610054  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
INHIBITING HEPATITIS C  
TITLE OF INVENTION: VIRUS REPLICATION  
NUMBER OF SEQUENCES: 497  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700

CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/182,968A  
 FILING DATE: 13-JANUARY-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/882,888  
 FILING DATE: 14-MAY-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 205/277  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 417:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-182-968A-417

Query Match 1.4%; Score 12; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 711 ATAGCCAAATT 722  
 Db 15 ATAGCCAAATT 4

RESULT 572  
 US-08-182-968A-419/c  
 ; Sequence 419, Application US/08182968A  
 ; Patent No. 5610054  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Draper, Kenneth G.  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR  
 ; TITLE OF INVENTION: INHIBITING HEPATITIS C  
 ; TITLE OF INVENTION: VIRUS REPLICATION  
 ; NUMBER OF SEQUENCES: 497  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/182,968A  
 ; FILING DATE: 13-JANUARY-1994  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 07/882,888  
 ; FILING DATE: 14-MAY-1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 205/277  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 419:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 15  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-182-968A-419

Query Match 1.4%; Score 12; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 708 CCCATAGCCAAA 719  
 Db 12 CCCATAGCCAAA 1

RESULT 573  
 US-08-291-932A-350  
 ; Sequence 350, Application US/08291932A  
 ; Patent No. 5658780  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Draper, Kenneth G.  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS  
 ; TITLE OF INVENTION: RELATED TO LEVELS OF  
 ; TITLE OF INVENTION: NF-KB  
 ; NUMBER OF SEQUENCES: 830  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/291,932A  
 ; FILING DATE: August 15, 1994  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; PRIOR APPLICATION DATA: including application  
 ; PRIOR APPLICATION DATA: described below:  
 ; APPLICATION NUMBER: 08/245,466  
 ; FILING DATE: May 18, 1994  
 ; APPLICATION NUMBER: 07/987,132  
 ; FILING DATE: December 7, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 208/157  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 350:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 15 base pairs  
 ; TYPE: nucleic acid

Two

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-291-932A-350
Query Match 1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCTGTCTCCAGC 414
Db 1 CCUGCUCCAGC 12

RESULT 574
US-08-774-306A-417/c
; Sequence 417, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774.306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 417:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-419

Query Match 1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 CCCATAGCCAAA 719
Db 12 CCCATAGCCAAA 1

RESULT 576
US-09-064-156A-417/c
; Sequence 417, Application US/09064156A
; Patent No. 6129866
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774.306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 417:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-417

Query Match 1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 ATAGCCAAATT 722
Db 15 ATAGCCAAATT 4

RESULT 575
US-08-774-306A-419/c
; Sequence 419, Application US/08774306A
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/064,156A  
FILING DATE: April 21, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/774,306  
FILING DATE: December 26, 1996  
APPLICATION NUMBER: 08/182,968  
FILING DATE: January 13, 1994  
APPLICATION NUMBER: 07/882,888  
FILING DATE: May 14, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 234/083  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 417:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-064-156A-417

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 4.1e-02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 ATAGCCAAATTT 722  
DB 15 ATAGCCAAATTT 4

RESULT 577  
US-09-064-156A-419/c  
Sequence 419, Application US/09064156A  
Patent No. 6132966  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: INHIBITING HEPATITIS C  
TITLE OF INVENTION: VIRUS REPLICATION  
NUMBER OF SEQUENCES: 498  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/064,156A  
FILING DATE: April 21, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/774,306  
FILING DATE: December 26, 1996  
APPLICATION NUMBER: 08/182,968  
FILING DATE: January 13, 1994  
APPLICATION NUMBER: 07/882,888

FILING DATE: May 14, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 234/083  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 419:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-064-156A-419

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 4.1e-02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 CCCATAGCCAAA 719  
DB 12 CCCATAGCCAAA 1

RESULT 578  
US-09-230-652-4  
Sequence 4, Application US/09230652A  
Patent No. 6537775  
GENERAL INFORMATION:  
APPLICANT: Tournier-Lasserre, Elisabeth  
APPLICANT: Joutel, Anne  
APPLICANT: Bousser, Marie-Germaine  
APPLICANT: Bach, Jean-Francois  
TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND  
TITLE OF INVENTION: THERAPEUTIC APPLICATION  
FILE REFERENCE: 03715.0048-00000  
CURRENT APPLICATION NUMBER: US/09/230,652A  
CURRENT FILING DATE: 1999-05-17  
EARLIER APPLICATION NUMBER: FR 96 09733  
EARLIER FILING DATE: 1996-08-01  
EARLIER APPLICATION NUMBER: FR 97 04680  
EARLIER FILING DATE: 1997-04-16  
EARLIER APPLICATION NUMBER: PCT/FR97/01433  
EARLIER FILING DATE: 1997-07-31  
NUMBER OF SEQ ID NOS: 163  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 4  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-230-652-4

Query Match 1.4%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 4.1e-02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 846 ACACAGCCCCC 857  
DB 4 ACACAGCCCCC 15

RESULT 579  
US-08-419-414-13/c  
Sequence 13, Application US/08419414  
Patent No. 5753787  
GENERAL INFORMATION:  
APPLICANT: Hawdon, John M.  
APPLICANT: Hotez, Peter J.  
APPLICANT: Jones, Brian F.

	Matches	12;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
<p>TITLE OF INVENTION: Hookworm Vaccine</p> <p>NUMBER OF SEQUENCES: 16</p> <p>CORRESPONDENCE ADDRESS: Pabst</p> <p>ADDRESSEE: Patrea L. Pabst</p> <p>STREET: 2800 One Atlantic Center</p> <p>STREET: 1201 West Peachtree Street</p> <p>CITY: Atlanta</p> <p>STATE: Georgia</p> <p>COUNTRY: USA</p> <p>ZIP: 30309-3450</p> <p>COMPUTER READABLE FORM:</p> <p>MEDIUM TYPE: Floppy disk</p> <p>COMPUTER: IBM PC compatible</p> <p>OPERATING SYSTEM: PC-DOS/MS-DOS</p> <p>SOFTWARE: Patent In Release #1.0, Version #1.30</p> <p>CURRENT APPLICATION DATA:</p> <p>APPLICATION NUMBER: US/08/419,414</p> <p>FILING DATE:</p> <p>CLASSIFICATION: 514</p> <p>ATTORNEY/AGENT INFORMATION:</p> <p>NAME: Pabst, Patrea L.</p> <p>REGISTRATION NUMBER: 31,284</p> <p>REFERENCE/DOCKET NUMBER: YU113</p> <p>TELEPHONE: (404) 873-8795</p> <p>TELEFAX: (404) 873-8795</p> <p>INFORMATION FOR SEQ ID NO: 13:</p> <p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 16 base pairs</p> <p>TYPE: nucleic acid</p> <p>STRANDEDNESS: single</p> <p>TOPOLOGY: linear</p> <p>MOLECULE TYPE: other nucleic acid</p> <p>DESCRIPTION: /desc = "DNA primer"</p> <p>HYPOTHETICAL: NO</p> <p>ANTI-SENSE: NO</p> <p>US-08-419-414-13</p>										
QY	417	GCCTCTCCGGCTG	428							
Db	16	GCCTCTCCGGCTG	5							
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 4.6e+02; Length 16;</p> <p>Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>										
<p>RESULT 580</p> <p>US-09-918-686-29/c</p> <p>Sequence 29, Application US/09918686</p> <p>Patent No. 6475739</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Brunkow, Mary</p> <p>APPLICANT: Prohl, Sean</p> <p>APPLICANT: Paepfer, Bryan</p> <p>APPLICANT: Staehling-Hampton, Karen</p> <p>TITLE OF INVENTION: METHODS FOR IDENTIFYING</p> <p>TITLE OF INVENTION: GENOMIC DELETIONS</p> <p>FILE REFERENCE: 240083.515</p> <p>CURRENT APPLICATION NUMBER: US/09/918,686</p> <p>CURRENT FILING DATE: 2001-07-30</p> <p>NUMBER OF SEQ ID NOS: 105</p> <p>SOFTWARE: FastSeq for Windows Version 4.0</p> <p>SEQ ID NO 29</p> <p>LENGTH: 16</p> <p>TYPE: DNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: PCR primer</p> <p>US-09-918-686-29</p>										
QY	417	GCCTCTCCGGCTG	428							
Db	16	GCCTCTCCGGCTG	5							
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 4.6e+02; Length 16;</p> <p>Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>										
<p>RESULT 581</p> <p>US-07-977-284A-50/c</p> <p>Sequence 50, Application US/07977284A</p> <p>Patent No. 5558988</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Prockop, Darwin J.</p> <p>APPLICANT: Ala-Kokko, Leena</p> <p>APPLICANT: Williams, Charlene J.</p> <p>APPLICANT: Ritvaniemi, Pertti</p> <p>APPLICANT: Baldwin, Clinton</p> <p>APPLICANT: Hopkinson, Ian</p> <p>APPLICANT: Ahmad, Nilofer Nina</p> <p>TITLE OF INVENTION: METHODS OF DETECTING A GENETIC</p> <p>TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS</p> <p>NUMBER OF SEQUENCES: 261</p> <p>CORRESPONDENCE ADDRESS:</p> <p>ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &amp; No. 5558988ris</p> <p>STREET: One Liberty Place, 46th floor</p> <p>CITY: Philadelphia</p> <p>STATE: PA</p> <p>COUNTRY: USA</p> <p>ZIP: 19103</p> <p>COMPUTER READABLE FORM:</p> <p>MEDIUM TYPE: Floppy disk</p> <p>COMPUTER: IBM PC compatible</p> <p>OPERATING SYSTEM: PC-DOS/MS-DOS</p> <p>SOFTWARE: WordPerfect 5.1</p> <p>CURRENT APPLICATION DATA:</p> <p>APPLICATION NUMBER: US/07/977,284A</p> <p>FILING DATE: 13-NOV-1992</p> <p>CLASSIFICATION: 435</p> <p>PRIOR APPLICATION DATA:</p> <p>APPLICATION NUMBER:</p> <p>FILING DATE:</p> <p>ATTORNEY/AGENT INFORMATION:</p> <p>NAME: Deluca, Mark</p> <p>REGISTRATION NUMBER: 33,229</p> <p>REFERENCE/DOCKET NUMBER: TJU-0697</p> <p>TELECOMMUNICATION INFORMATION:</p> <p>TELEPHONE: (215) 568-3100</p> <p>TELEFAX: (215) 568-3439</p> <p>INFORMATION FOR SEQ ID NO: 50:</p> <p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 17</p> <p>TYPE: NUCLEIC ACID</p> <p>STRANDEDNESS: SINGLE</p> <p>TOPOLOGY: LINEAR</p> <p>ANTI-SENSE: NO</p> <p>US-07-977-284A-50</p>										
QY	308	GCATGGGAAAGA	319							
Db	13	GCATGGGAAAGA	2							
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 5.1e+02; Length 17;</p> <p>Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>										
<p>RESULT 582</p> <p>US-08-146-504-22/c</p> <p>Sequence 22, Application US/08146504</p> <p>Patent No. 5605662</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Heller, Michael J.; and Tu, Eugene</p> <p>TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING</p>										

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/ TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
/ TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
/ NUMBER OF SEQUENCES: 31
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90017
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
/ SOFTWARE: WordPerfect (Version 5.1)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/146,504
/ FILING DATE: No. 5605662member 1, 1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 203/218
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 22:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-146-504-22
/
/ Query Match 1.4%; Score 12; DB 1; Length 17;
/ Best Local Similarity 100.0%; Pred. No. 5.1e+02;
/ Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 771 CTGGAGAGAG 782
/ DB 17 CTGGAGAGAG 6
/
/ RESULT 583
/ US-08-725-976-22/c
/ Sequence 22, Application US/08725976
/ Patent No. 5929208
/ GENERAL INFORMATION:
/ APPLICANT: Heller, Michael J.; and Tu, Eugene
/ TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
/ NUMBER OF SEQUENCES: 31
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: WINDOWS (VERSION 3.0)
/ SOFTWARE: WordPerfect (Version 6.0)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/725,976
/ FILING DATE: October 4, 1996

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/ CLASSIFICATION: 422
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/146,504
/ FILING DATE: No. 5929208member 1, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Murphy, David B.
/ REGISTRATION NUMBER: 31,125
/ REFERENCE/DOCKET NUMBER: 222/211
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 22:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-725-976-22
/
/ Query Match 1.4%; Score 12; DB 1; Length 17;
/ Best Local Similarity 100.0%; Pred. No. 5.1e+02;
/ Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ QY 771 CTGGAGAGAGAG 782
/ DB 17 CTGGAGAGAGAG 6
/
/ RESULT 584
/ US-08-256-426B-50/c
/ Sequence 50, Application US/08256426B
/ Patent No. 5948611
/ GENERAL INFORMATION:
/ APPLICANT: Prockop, Darwin J.
/ APPLICANT: Ala-Kokko, Leena
/ APPLICANT: Williams, Charlene J.
/ APPLICANT: Ritvaniemi, Pertti
/ APPLICANT: Baldwin, Clinton
/ APPLICANT: Hopkinson, Ian
/ APPLICANT: Ahmad, Nilofar Nina
/ TITLE OF INVENTION: Methods of Detecting A Genetic
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Woodcock Washburn Kurtz Mackiewicz & No. 5948611iris
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows 3.1
/ SOFTWARE: WORDPERFECT 6.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/256,426B
/ FILING DATE: 03-FEB-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US93/10964
/ FILING DATE: 12-NOV-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/977,284
/ FILING DATE: 13-NOV-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mark DeLuca
/ REGISTRATION NUMBER: 33,229
/ REFERENCE/DOCKET NUMBER: TLU-1082
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100

```

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; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-08-256-426B-50

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 308 GCATGGGAAGA 319
DB 13 GCATGGGAAGA 2

RESULT 585
US-08-271-882B-22/c
; Sequence 22, Application US/08271882B
; Patent No. 6017696
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; APPLICANT: Eugene Tu
; APPLICANT: Glen A. Evans
; APPLICANT: Ronald G. Sosnowski
; TITLE OF INVENTION: SELF-ADDRESSABLE
; TITLE OF INVENTION: SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; TITLE OF INVENTION: AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,882B
; FILING DATE: July 7, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: No. 6017696member 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 555-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic
; TYPE: acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-271-882B-22

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 771 CTGGAGAAGAAG 782
DB 17 CTGGAGAAGAAG 6

RESULT 586
US-09-121-920-18
; Sequence 18, Application US/09121920
; Patent No. 6066460
; GENERAL INFORMATION:
; APPLICANT: Kirschner, Mark W.
; APPLICANT: Kinoshita, No. 6066460iyuki
; TITLE OF INVENTION: METHOD FOR CLONING SECRETED PROTEINS
; FILE REFERENCE: HMV-022.01
; CURRENT APPLICATION NUMBER: US/09/121,920
; CURRENT FILING DATE: 1998-07-24
; EARLIER APPLICATION NUMBER: 60/053,596
; EARLIER FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: primer
US-09-121-920-18

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 840 ACCAGAACACAG 851
DB 2 ACCAGAACACAG 13

RESULT 587
US-08-726-278-22/c
; Sequence 22, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-22

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 771 CTGGAGAAGAAG 782
DB 17 CTGGAGAAGAAG 6
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Query Match 1.4%; Score 12; DB 1; Length 17;



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; Sequence 1757, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1757
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1757

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTAAGCCAGAT 452
Db 6 CTAAGCCAGAT 17
|||||

RESULT 596
US-09-866-108A-1763
; Sequence 1763, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1757
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1757

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTAAGCCAGAT 452
Db 6 CTAAGCCAGAT 17
|||||

RESULT 597
US-09-866-108A-1762
; Sequence 1762, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1763
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1763

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 442 TAAAGCCAGATG 453
Db 1 TAAAGCCAGATG 12
|||||

RESULT 598
US-09-866-108A-1763
; Sequence 1763, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1763
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1763
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SOFTWARE: Aeomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 7672  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-7672

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 771 CTGAGAAGAG 782  
 |||||  
 Db 2 CTGAGAAGAG 13

RESULT 598  
 US-09-866-108A-7673  
 Sequence 7673, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AEOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aeomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 7673  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-7673

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 771 CTGAGAAGAG 782  
 |||||  
 Db 1 CTGAGAAGAG 12

RESULT 599

US-09-866-108A-7790/c  
 Sequence 7790, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AEOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Aeomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 7790  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-7790

Query Match 1.4%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 827 TCGAGAGCTGG 838  
 |||||  
 Db 17 TCGAGAGCTGG 6

RESULT 600  
 US-09-866-108A-7791/c  
 Sequence 7791, Application US/09866108A  
 Patent No. 6686188  
 GENERAL INFORMATION:  
 APPLICANT: GU, Yizhong  
 APPLICANT: JI, Yonggang  
 APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AEOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6

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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7791
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7791

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 827 TGCTGAAGCTGG 838
Db 16 TGCTGAAGCTGG 5

RESULT 601
5451505-4
; Patent No. 5451505
; APPLICANT: DOLLINGER, GAVIN D.
; TITLE OF INVENTION: METHODS FOR TAGGING AND TRACING
; MATERIALS WITH NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/887,424
; FILING DATE: 21-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 355,445
; FILING DATE: 22-MAY-1989
; SEQ ID NO:4
; LENGTH: 17
; 5451505-4

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAG 782
Db 1 CTGGAGAAGAG 12

RESULT 602
US-08-146-504-8
; Sequence 8, Application US/08146504
; Patent No. 5605662
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; MICROELECTRONIC SYSTEMS AND DEVICES FOR
; MOLECULAR BIOLOGICAL ANALYSIS AND
; DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,504
; FILING DATE: No. 5605662ember 1, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-146-504-8

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAG 782
Db 1 CTGGAGAAGAG 12

RESULT 603
US-08-602-093-16/c
; Sequence 16, Application US/08602093
; Patent No. 5837535
; GENERAL INFORMATION:
; APPLICANT: Joseph, Rajiv
; APPLICANT: Dou, Dexian
; TITLE OF INVENTION: A NOVEL NEURONAL-NEONATAL GENE:
; NUMBER OF INVENTION: NEURONATIN
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 5837535thwestern Hwy.
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/602,093
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```

NAME: Kohn, Kenneth I.  
REGISTRATION NUMBER: 30,995  
REFERENCE/DOCKET NUMBER: 1059.00015  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (810) 539-5050  
TELEFAX: (810) 539-5055  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-602-093-16

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 262 ACAGAGCACCT 273  
DB 13 ACAGAGCACCT 2

## RESULT 604

US-08-725-976-8  
Sequence 8, Application US/08725976  
Patent No. 5929208

GENERAL INFORMATION:  
APPLICANT: Heller, Michael J.; and Tu, Eugene  
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM compatible  
OPERATING SYSTEM: WINDOWS (VERSION 3.0)  
SOFTWARE: WordPerfect (Version 6.0)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/725,976  
FILING DATE: October 4, 1996

CLASSIFICATION: 422  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/146,504  
FILING DATE: No. 5929208ember 1, 1993

ATTORNEY/AGENT INFORMATION:  
NAME: Murphy, David B.  
REGISTRATION NUMBER: 31,125  
REFERENCE/DOCKET NUMBER: 222/211  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-725-976-8

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGAGAGAAG 782

DB 1 CTGAGAGAAG 12

## RESULT 605

US-09-213-767-29  
Sequence 29, Application US/09213767  
Patent No. 5948680  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION  
FILE REFERENCE: RTS-0024  
CURRENT APPLICATION NUMBER: US/09/213,767  
CURRENT FILING DATE: 1998-12-17  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 29  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-213-767-29

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 220 CTCGAGAACTGA 231

DB 4 CTCGAGAACTGA 15

## RESULT 606

US-09-197-008-31  
Sequence 31, Application US/09197008  
Patent No. 5977341

GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION  
FILE REFERENCE: RTS-0019  
CURRENT APPLICATION NUMBER: US/09/197,008  
CURRENT FILING DATE: 1998-11-20  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 31  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-197-008-31

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 245 GCTCTTGAAGGA 256

DB 3 GCTCTTGAAGGA 14

## RESULT 607

US-08-271-882B-8  
Sequence 8, Application US/08271882B  
Patent No. 6017696

GENERAL INFORMATION:  
APPLICANT: Michael J. Heller  
APPLICANT: Eugene Tu  
APPLICANT: Glen A. Evans  
APPLICANT: Ronald G. Sosnowski  
TITLE OF INVENTION: SELF-ASSEMBLING  
TITLE OF INVENTION: SELF-ASSEMBLING

; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; TITLE OF INVENTION: AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,882B
; FILING DATE: July 7, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: No. 6017696ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic
; STRANDEDNESS: single
; TOPOLOGY: linear
; ORGANISM: Artificial Sequence
US-08-271-882B-8

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGAG 782
Db 1 CTGGAGAGAGAG 12

RESULT 608
US-08-726-278-8
; Sequence 8, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-8

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGAG 782
Db 1 CTGGAGAGAGAG 12

RESULT 609
US-09-172-045-25
; Sequence 25, Application US/09172045
; Patent No. 6277594
; GENERAL INFORMATION:
; APPLICANT: Mikoshiba, Katsuhiko
; APPLICANT: Aruga, Jun
; APPLICANT: Nagai, Takeharu
; APPLICANT: Nakata, Katsunori
; TITLE OF INVENTION: Neurogenesis Inducing Gene
; FILE REFERENCE: Hiraki-03497
; CURRENT APPLICATION NUMBER: US/09/172,045
; CURRENT FILING DATE: 1998-10-08
; EARLIER APPLICATION NUMBER: JP98/86979
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP98/121456
; EARLIER FILING DATE: 1998-04-30
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-172-045-25

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 840 ACCAGAACACAG 851
Db 2 ACCAGAACACAG 13

RESULT 610
US-08-584-040-8403
; Sequence 8403, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8403:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-8403

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 5.6e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 953 ACAGCTGGGCGAG 964  
|||:|||||  
Db 5 ACAGCTGGGCGAG 16

RESULT 611  
US-09-270-140A-27  
; Sequence 27, Application US/09270140A  
; Patent No. 6361941  
; GENERAL INFORMATION:  
; APPLICANT: Todd, Alison  
; APPLICANT: Fuery, Caroline  
; APPLICANT: Cairns, Murray  
; TITLE OF INVENTION: Catalytic Nucleic Acid base Diagnostic Methods  
; FILE REFERENCE: J6J1799  
; CURRENT APPLICATION NUMBER: US/09/270,140A  
; CURRENT FILING DATE: 1999-03-16  
; PRIOR APPLICATION NUMBER: 60/079,651  
; PRIOR FILING DATE: 1998-03-27  
; NUMBER OF SEQ ID NOS: 96  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 27  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:mutant RNA for  
; OTHER INFORMATION: codon 41 of HIV 1 AZT resistance mutant with A to  
; OTHER INFORMATION: U or C.  
US-09-270-140A-27

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 78.6%; Pred. No. 5.6e+02;  
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 766 CAGACTGGGAGAG 779  
|||:|||||  
Db 5 CAGAAUUGGAAAG 18

RESULT 612  
US-09-270-140A-65/C  
; Sequence 65, Application US/09270140A  
; Patent No. 6361941  
; GENERAL INFORMATION:  
; APPLICANT: Todd, Alison  
; APPLICANT: Fuery, Caroline  
; APPLICANT: Cairns, Murray  
; TITLE OF INVENTION: Catalytic Nucleic Acid base Diagnostic Methods  
; FILE REFERENCE: J6J1799  
; CURRENT APPLICATION NUMBER: US/09/270,140A  
; CURRENT FILING DATE: 1999-03-16  
; PRIOR APPLICATION NUMBER: 60/079,651  
; PRIOR FILING DATE: 1998-03-27  
; NUMBER OF SEQ ID NOS: 96  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 65  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:antisense for  
; OTHER INFORMATION: HIV 1 AZT resistance Codon 41 mutant (A to U or C)  
US-09-270-140A-65

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 5.6e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 766 CAGACTGGGAGAG 779  
|||:|||||  
Db 14 CAGAAUUGGAAAG 1

RESULT 613  
US-09-504-358-29  
; Sequence 29, Application US/09504358  
; Patent No. 6365376  
; GENERAL INFORMATION:  
; APPLICANT: Rouviere, Pierre E.  
; APPLICANT: Brzostowicz, Patricia C.  
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES  
; FILE REFERENCE: BCI001 US NA  
; CURRENT APPLICATION NUMBER: US/09/504,358  
; CURRENT FILING DATE: 2000-02-15  
; EARLIER APPLICATION NUMBER: 60/120,702  
; EARLIER FILING DATE: 1999-February-19  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: Microsoft Office 97  
; SEQ ID NO 29  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: (5)  
; OTHER INFORMATION: m stands for nucleotide base A or C  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: (17)  
; OTHER INFORMATION: w stands for nucleotide base A or T  
US-09-504-358-29

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 5.6e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 723 CAGGAGCTGCGGTA 736  
|||:|||||  
Db 1 CAGGAGCTGCGGTA 14



RESULT 614  
US-09-954-314-29  
; Sequence 29, Application US/09954314  
; Patent No. 6465224  
; GENERAL INFORMATION:  
; APPLICANT: Rozostowicz, Patricia C.  
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES  
; FILE REFERENCE: BC1001 US NA  
; CURRENT APPLICATION NUMBER: US/09/954,314  
; CURRENT FILING DATE: 2001-09-17  
; PRIOR APPLICATION NUMBER: 60/120,702  
; PRIOR FILING DATE: 1999-February-19  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: Microsoft Office 97  
; SEQ ID NO 29  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
; NAME/KEY: unsure  
; LOCATION: (5)  
; OTHER INFORMATION: m stands for nucleotide base A or C  
; NAME/KEY: unsure  
; LOCATION: (17)  
; OTHER INFORMATION: w stands for nucleotide base A or T  
US-09-954-314-29

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 5.6e+02;  
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 723 CAGGAGTCGCGTA 736  
DB 1 CAGGAGTCGCGTA 14

RESULT 615  
US-09-342-325C-25  
; Sequence 25, Application US/09342325C  
; Patent No. 6500837  
; GENERAL INFORMATION:  
; APPLICANT: Mikoshiba, Katsuhiko  
; APPLICANT: Aruga, Jun  
; APPLICANT: Nagai, Takeharu  
; APPLICANT: Katsunori, Nakata  
; TITLE OF INVENTION: Neurogenesis Inducing Gene  
; FILE REFERENCE: HIRAKI-03814  
; CURRENT APPLICATION NUMBER: US/09/342,325C  
; CURRENT FILING DATE: 1999-06-30  
; PRIOR APPLICATION NUMBER: JP98/86979  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: JP98/121456  
; PRIOR FILING DATE: 1998-04-30  
; PRIOR APPLICATION NUMBER: 09/172,045  
; PRIOR FILING DATE: 1998-09-28  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 25  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-342-325C-25

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 840 ACCAGACACAG 851

DB 2 ACCAGACACAG 13

RESULT 616  
US-09-371-772B-4059  
; Sequence 4059, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4059  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-4059

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 91.7%; Pred. No. 5.6e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 953 ACAGCTGGGCAG 964  
DB 5 ACAGCTGGGCAG 16

RESULT 617  
US-09-738-444A-10/C  
; Sequence 10, Application US/09738444A  
; Patent No. 6660475  
; GENERAL INFORMATION:  
; APPLICANT: Jack, William E.  
; APPLICANT: Schildkraut, Ira  
; APPLICANT: Menin, Julie F.  
; APPLICANT: Greenough, Lucia  
; TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create  
; FILE REFERENCE: NEB-180  
; CURRENT APPLICATION NUMBER: US/09/738,444A  
; CURRENT FILING DATE: 2000-12-15  
; NUMBER OF SEQ ID NOS: 51  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 10  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Description of Unknown Organism: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-738-444A-10

Query Match 1.4%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 317 AGACTGCAGAGA 328  
DB 15 AGACTGCAGAGA 4

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RESULT 618
US-09-103-875-115
; Sequence 115, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szvf, Moshe
; APPLICANT: Bigey, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; EARLIER FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-103-875-115

Query Match
Best Local Similarity 1.4%; Score 12; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 260 AGACAGGAGCAGCTTCAGAA 279
DB 1 AGCCATGACCAGCTTCAGCA 20

RESULT 619
US-09-103-875-116/c
; Sequence 116, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szvf, Moshe
; APPLICANT: Bigey, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; EARLIER FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-103-875-116

Query Match
Best Local Similarity 1.4%; Score 12; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 260 AGACAGGAGCAGCTTCAGAA 279
DB 20 AGCCATGACCAGCTTCAGCA 1

```

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RESULT 620
US-07-907-710A-12
; Sequence 12, Application US/07907710A
; Patent No. 5359034
; GENERAL INFORMATION:
; APPLICANT: Skelly, Susan M.
; APPLICANT: Tackney, Charles T.
; APPLICANT: Snowwaert, John N.
; APPLICANT: Fowlkes, Dana M.
; TITLE OF INVENTION: Cysteine Depleted IL-6 Mutins
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ImClone Systems Incorporated
; STREET: 180 Varick Street
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10014
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/07/907,710A
; APPLICATION NUMBER: US/07/907,710A
; FILING DATE: 02-JUL-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/724,698
; FILING DATE: 02-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Feit, Irving N.
; REGISTRATION NUMBER: 28,601
; REFERENCE/DOCKET NUMBER: SKE-1-P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-645-1405
; TELEFAX: 212-645-2054
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-907-710A-12

Query Match
Best Local Similarity 1.4%; Score 11.8; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 991 CATGCGAAGCGTAT 905
DB 1 CATGCGAAGCGTAT 15

RESULT 621
US-08-209-182C-12
; Sequence 12, Application US/08209182C
; Patent No. 5545537
; GENERAL INFORMATION:
; APPLICANT: Skelly, Susan M.
; APPLICANT: Tackney, Charles T.
; APPLICANT: Snowwaert, John N.
; APPLICANT: Fowlkes, Dana M.
; TITLE OF INVENTION: Cysteine Depleted IL-6 Mutins
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ImClone Systems Incorporated
; STREET: 180 Varick Street
; CITY: New York
; STATE: New York
; COUNTRY: United States

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-319-492B-455
Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 256 ACTTAGACAGAGCA 270
| | | | | | | | | | | | | | |
Db 15 AGTTAGTAGGAGCA 1

RESULT 624
US-08-241-372-14
; Sequence 14, Application US/08241372
; Patent No. 5631237
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; APPLICANT: Kaneda, Yasufumi
; TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
; TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOEBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/241,372
; FILING DATE: 09-MAY-1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-59079-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-241-372-14

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 CCTGGTACTGTGG 826
| | | | | | | | | | | | | | |
Db 1 CCTGGTACTGTGG 15

RESULT 625
US-08-334-847-556/c
; Sequence 556, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth

```

```

; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 556:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-556

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 320 CTGCAGAGAGCTGT 334
| | | | | | | | | | | | | | |
Db 15 CTTCATAGAGCTGT 1

RESULT 626
US-08-363-240A-201/c
; Sequence 201, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Fape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

```

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,240A  
FILING DATE: December 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 210/096  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 201:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-363-240A-201

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 244 AGCTCTGAGGACT 258  
Db 15 AGCTCTGAGGACT 1

RESULT 627  
US-08-311-486C-42/c  
Sequence 42, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166

two

APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-42

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 360 CTGTCAGAGAGCGT 374  
Db 15 CAGGCAGAGAGCGT 1

RESULT 628  
US-08-311-486C-157  
Sequence 157, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166

two

Db 1 CCCTGGTACGTCGG 15

RESULT 630  
US-08-292-620A-64/c  
; Sequence 64, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 64:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-292-620A-64

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 656 TGTCTCATGCGCT 670  
Db 15 TGTCTCAACAGCT 1

RESULT 631  
US-08-292-620A-416/c  
; Sequence 416, Application US/08292620A

Db 1 CCCTGGTACTGGG 15

RESULT 629  
US-08-110-294A-8  
; Sequence 8, Application US/08110294A  
; Patent No. 5821234  
; GENERAL INFORMATION:  
; APPLICANT: D'azay, Victor J  
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular  
; TITLE OF INVENTION: Smooth Muscle Cell  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Allegretti & Witcoff, Ltd.  
; STREET: 10 South Wacker Dr.  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: USA  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/110,294A  
; FILING DATE: 20-AUG-1993  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/063,980  
; FILING DATE: 19-MAY-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/944,882  
; FILING DATE: 10-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McDonnell, John J  
; REGISTRATION NUMBER: 26,949  
; REFERENCE/DOCKET NUMBER: 95,510-B  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312-715-1000  
; TELEFAX: 312-715-1234  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
; US-08-110-294A-8

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 CCCTGGTACTGGG 826

Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 416:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-416

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 259 TAGACGAGGACCT 273  
DB 15 TAGGAGGAGCCCT 1

RESULT 632  
US-08-389-926-8  
Sequence 8, Application US/08389926  
Patent No. 5869452  
GENERAL INFORMATION:  
APPLICANT: Dzaou, Victor J  
TITLE OF INVENTION: Inhibition of Proliferation of Vascular  
TITLE OF INVENTION: Smooth Muscle Cell  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Allegretti, Ltd.  
STREET: 10 South Wacker Dr.  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/389,926  
FILING DATE: 16 FEB 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/063,980  
FILING DATE: 19-MAY-1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/944,882  
FILING DATE: 10-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: McDonnell, John J  
REGISTRATION NUMBER: 26,949  
REFERENCE/DOCKET NUMBER: 93,510-D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-389-926-8

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 CCTGGTACTGTGGG 826  
DB 1 CCTGGTACCGTCGG 15

RESULT 633  
US-08-913-833-7  
Sequence 7, Application US/08913833  
Patent No. 6087093  
GENERAL INFORMATION:  
APPLICANT: STUYVER, LIEVEN  
APPLICANT: LOUWAGIE, JOOST  
APPLICANT: ROSSAU, RUDI  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
NUMBER OF SEQUENCES: 164  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ARNOLD, WHITE & DURKEE  
STREET: P.O. BOX 4433  
CITY: HOUSTON  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77210-4433  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 6.0 / ASCII text output  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/913,833  
FILING DATE: 15 Sep 1997

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-913-833-7

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Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 767 AGAAGTGGAGAGAA 781
DB 1 AGAATGGAGAGAA 15

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RESULT 634
US-09-071-845-64/c
; Sequence 64, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600

```

```

; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-64

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```

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 656 TGTTCATCAGCT 670
DB 15 TGTTCACACAGCT 1

```

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RESULT 635
US-09-071-845-416/c
; Sequence 416, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600

```



```
;
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 416:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-416

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 259 TAGCAGGAGCACT 273
Db 15 TAGCAGGAGCCCT 1

RESULT 636
US-09-176-320-2
; Sequence 2, Application US/09176320
; Patent No. 6172281
; GENERAL INFORMATION:
; APPLICANT: Van Mellaert, Herman
; APPLICANT: Botterman, Johan
; APPLICANT: Van Rie, Jeroen
; APPLICANT: Joos, Henk
; TITLE OF INVENTION: PREVENTION OF BT RESISTANCE DEVELOPMENT
; FILE REFERENCE: 021565-052
; CURRENT APPLICATION NUMBER: US/09/176,320
; CURRENT FILING DATE: 1998-10-22
; EARLIER APPLICATION NUMBER: PCT/EP90/00905
; EARLIER FILING DATE: 1990-05-30
; EARLIER APPLICATION NUMBER: GB 89401499.2
; EARLIER FILING DATE: 1989-05-31
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Bacillus thuringiensis
US-09-176-320-2

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 347 TGCCAGCGCAACT 361
Db 1 TGCCAGCGCCACT 15

RESULT 637
US-09-580-794C-7
; Sequence 7, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008-2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
```

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;
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 7
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-7

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 767 AGAACTGGAGAGAA 781
Db 1 AGAAATGGAGAGGA 15

RESULT 638
US-09-081-646-66
; Sequence 66, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107,74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 66
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-66

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGAGCACCTTCAG 277
Db 1 CATGAGCACCTCCAG 15

RESULT 639
US-09-081-646-672
; Sequence 672, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107,74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 672
; LENGTH: 15
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;  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-672

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 813 CCGTACTGCTGGT 827  
| | | | | | | | | |  
Db 1 CATGCTACTGTGGCT 15

RESULT 640

US-09-081-646-789  
; Sequence 789, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081.646  
; CURRENT FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047.352  
; EARLIER FILING DATE: 1997-05-21  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 789  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-789

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGAGCACCTTCAG 277  
| | | | | | | | | |  
Db 1 CATGAGCACCTTCAG 15

RESULT 641

US-09-474-432B-95  
; Sequence 95, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MBH00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474.432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0

;  
; SEQ ID NO 95  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-95

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 73.3%; Pred. No. 4.5e+02;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGCTCC 157  
| | | | | | | | | |  
Db 1 GGGAGCUGCAGCTUC 15

RESULT 642

US-09-476-387-95  
; Sequence 95, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their incorporation into Oligonucleot  
; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476.387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 95  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-95

Query Match 1.4%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 73.3%; Pred. No. 4.5e+02;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGCTCC 157  
| | | | | | | | | |  
Db 1 GGGAGCUGCAGCTUC 15

RESULT 643

PCT-US95-05420-14  
; Sequence 14, Application PC/TUS9505420  
; GENERAL INFORMATION:  
; APPLICANT: Dzaui, Victor J  
; APPLICANT: Kaneda, Yasufumi  
; TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF  
; TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES  
; NUMBER OF SEQUENCES: 34  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT  
; STREET: 4 Embarcadero Center, Suite 3400  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA

```

;
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PC/US95/05420
; FILING DATE: 28 April 1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: PP-59079-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; PCT-US95-05420-14

```

```

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 812 CCTGTACTGCGG 826
Db 1 CCTGTACTGCGG 15

```

## RESULT 644

```

US-08-292-620A-1548/c
; Sequence 1548, Application US/08292620A
; Patent No. 5837542

```

## GENERAL INFORMATION:

```

; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:

```

two

```

; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1548:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1548

```

```

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 656 TGTTCATGCGCT 670
Db 16 TGTTCATGCGCT 2

```

## RESULT 645

```

US-09-071-845-1548/c
; Sequence 1548, Application US/09071845
; Patent No. 6132957

```

## GENERAL INFORMATION:

```

; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327

```

; REFERENCE/DOCKET NUMBER: 208/149  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 1548:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 16 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-09-071-845-1548

Query Match 1.4%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;  
 Matches 13; Conservative 0; Mismatches 2;

QY 656 TGTTCATGCGAGCT 670  
 Db 16 TGTTCACAGCT 2

RESULT 646  
 US-09-829-855-5/c  
 ; Sequence 5, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.  
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; PRIOR FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258  
 ; PRIOR FILING DATE: 2000-04-11  
 ; NUMBER OF SEQ ID NOS: 244  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 5  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: unidentified soil organism  
 ; US-09-829-855-5

Query Match 1.4%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;  
 Matches 13; Conservative 0; Mismatches 2;

QY 152 AGCTCCATCTTGCA 166  
 Db 16 AGCTCCAGCTAGCA 2

RESULT 647  
 US-09-829-855-55/c  
 ; Sequence 55, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.  
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; PRIOR FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258  
 ; PRIOR FILING DATE: 2000-04-11  
 ; NUMBER OF SEQ ID NOS: 244  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 55  
 ; LENGTH: 16

; TYPE: DNA  
 ; ORGANISM: unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: unidentified soil organism  
 ; US-09-829-855-55

Query Match 1.4%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;  
 Matches 13; Conservative 0; Mismatches 2;

QY 727 AGTCCGCTACAGTG 741  
 Db 16 AGCTGGGACAGAG 2

RESULT 648  
 US-09-829-855-65/c  
 ; Sequence 65, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.  
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; PRIOR FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258  
 ; PRIOR FILING DATE: 2000-04-11  
 ; NUMBER OF SEQ ID NOS: 244  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 65  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: unidentified soil organism  
 ; US-09-829-855-65

Query Match 1.4%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;  
 Matches 13; Conservative 0; Mismatches 2;

QY 152 AGCTCCATCTTGCA 166  
 Db 16 AGCTCCAGCTAGCA 2

RESULT 649  
 US-09-829-855-119  
 ; Sequence 119, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.  
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; PRIOR FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258  
 ; PRIOR FILING DATE: 2000-04-11  
 ; NUMBER OF SEQ ID NOS: 244  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 119  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: unidentified soil organism  
 ; US-09-829-855-119

Query Match 1.4%; Score 11.8; DB 1; Length 16;

```
Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 141 TTGGGGCTCAGCT 155
Db 2 TTGGGTCCGACGCT 16

RESULT 650
US-09-829-855-135/c
; Sequence 135, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 135
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-135

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 727 AGCTGGGTACAGTG 741
Db 16 AGCTGGGCACAG 2

RESULT 651
US-09-829-855-178/c
; Sequence 178, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 178
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Uncultured Acidobacterium Sub.Div-1
US-09-829-855-178

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 727 AGCTGGGTACAGTG 741
Db 16 AGCTACGGCAGTG 2
```

```
RESULT 652
US-09-479-005A-262
; Sequence 262, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 262
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-262
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Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 73.3%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 638 CCGCTCCCTGCAACC 652
Db 2 CAGCUCACUGCAACC 16
```

```
RESULT 653
US-09-479-005A-339
; Sequence 339, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 339
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-339
```

```
Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 5e+02; 4; Mismatches 2; Indels 0; Gaps 0;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 721 TTCAGGAGCTGCGGT 735
Db 1 UUCAGGAACUGCAGU 15
```

```
RESULT 654
US-08-166-664-6/c
; Sequence 6, Application US/08166664
; Patent No. 5646020
; GENERAL INFORMATION:
; APPLICANT: James A. McSwiggen
```

APPLICANT: J. Anthony Mamone  
TITLE OF INVENTION: HAMMERHEAD RIBOZYMES FOR  
TITLE OF INVENTION: PREFERRED TARGETS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/166,664  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/884,074  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 197/062  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-166-664-6

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 369 GAGCGTGTGCCGTC 383  
Db 17 GAGCGTGTGCCGTC 3

RESULT 655  
US-08-373-124A-416  
Sequence 416, Application US/08/373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 416:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-416

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 5.6e+02;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 616 CCATCTCAACGCG 630  
Db 3 CCAUCUCUGGCGCG 17

RESULT 656  
US-08-373-124A-544/c  
Sequence 544, Application US/08/373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943

```

; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 544:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-544

```

```

Query Match          1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      718 AATTTCAGGAGCTGC 732
Db      17 AATTTCAGGAGCTGC 3

```

```

RESULT 657
US-08-373-124A-1365
; Sequence 1365, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1365:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1365

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Query Match          1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 5.6e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

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QY      210 TCCAGCCCTCTCCA 224
Db      1 UCUCAGCUCUCUCCA 15

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RESULT 558
US-08-373-124A-1429/c
; Sequence 1429, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:

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; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1429:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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TOPOLOGY: linear  
US-08-373-124A-1429

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGAGCACTTCAG 277  
Db 16 CAGGAGCACTTCAG 2

RESULT 659  
US-08-373-124A-1585/c  
; Sequence 1585, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1585:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-373-124A-1585

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTTCAGGAGCTGC 732  
Db 17 AATTTCAGGAGCTGC 3

RESULT 661  
US-08-039-137-5  
; Sequence 5, Application US/08039137  
; Patent No. 5759771  
; GENERAL INFORMATION:  
; APPLICANT: Tilanus J.G., Marcel

Db 17 AATTTCAGGAGCTGC 3

RESULT 660  
US-08-373-124A-2585/c  
; Sequence 2585, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2585:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-373-124A-2585

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTTCAGGAGCTGC 732  
Db 17 AATTTCAGGAGCTGC 3

RESULT 661  
US-08-039-137-5  
; Sequence 5, Application US/08039137  
; Patent No. 5759771  
; GENERAL INFORMATION:  
; APPLICANT: Tilanus J.G., Marcel



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/ TITLE OF INVENTION: Method of Determining a Genotype by
/ TITLE OF INVENTION: Comparing the Nucleotide Sequence of Members of a Gene
/ Patent No. 5759771
/
/ TITLE OF INVENTION: Family and Kit Therefor
/ NUMBER OF SEQUENCES: 44
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dehlinger & Associates
/ STREET: 350 Cambridge Avenue, Suite 250
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94306
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/039,137
/ FILING DATE: 14-APR-1993
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 0550-0024.10
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DQA3.1 primer
/
/ US-08-039-137-5

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Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred.No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 930 TTCAGGTTTGTTT 944
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DB 3 TTCAAGTTTGTTT 17

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RESULT 662
US-08-758-306-721/c
/ Sequence 721, Application US/08758306
/ Patent No. 5807743
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: McSwigen, James A.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES
/ TITLE OF INVENTION: ASSOCIATED WITH
/ TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
/ TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
/ NUMBER OF SEQUENCES: 1379
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/758,306
/ FILING DATE: December 3, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 212/132
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 721:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-758-306-721

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Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred.No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 824 GGGTGCTGAGCTGG 838
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DB 17 GGGTCTGGAGCTGG 3

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RESULT 663
US-08-435-628-416
/ Sequence 416 Application US/08435628
/ Patent No. 5817796
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: McSwigen, James
/ APPLICANT: Jarvis, Thale
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
/ TITLE OF INVENTION: CANCER USING RIBOZYMES
/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/435,628
/ FILING DATE: 05-MAY-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/373,124
/ FILING DATE: January 13, 1995
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943

```

FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 416:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-435-628-416

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 73.3%; Pred. No. 5.6e+02;  
 Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 616 CGATCTCACACGCG 630  
 Db 3 CCAUCUCUGCCAGC 17

RESULT 664  
 US-08-435-628-544/c  
 Sequence 544, Application US/08435628  
 Patent No. 5817796  
 GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwiggen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 TITLE OF INVENTION: CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/435,628  
 FILING DATE: 05-MAY-1995  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/373,124  
 FILING DATE: January 13, 1995  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440

NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 544:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-435-628-544

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTTCAGGCTGC 732  
 Db 17 AATTTCAGGCTGC 3

RESULT 665  
 US-08-435-628-1365  
 Sequence 1365, Application US/08435628  
 Patent No. 5817796  
 GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwiggen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 TITLE OF INVENTION: CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/435,628  
 FILING DATE: 05-MAY-1995  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/373,124  
 FILING DATE: January 13, 1995  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440

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;
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1365:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-435-628-1365
    Query Match          1.4%; Score 11.8; DB 1; Length 17;
    Best Local Similarity 66.7%; Pred. No. 5.6e+02;
    Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

    QY 210 TCCAGCCCTCTCCA 224
    Db 1 UCUCAGCUCUCUCCA 15

RESULT 666
US-08-435-628-1429/c
; Sequence 1429, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1429:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
;
US-08-435-628-1585
    Query Match          1.4%; Score 11.8; DB 1; Length 17;
    Best Local Similarity 86.7%; Pred. No. 5.6e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

    QY 263 CAGGAGCAGCTTCAG 277
    Db 16 CAGGAGCAGCTTCAG 2

RESULT 667
US-08-435-628-1585/c
; Sequence 1585, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1585:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-435-628-1585
    Query Match          1.4%; Score 11.8; DB 1; Length 17;
    Best Local Similarity 86.7%; Pred. No. 5.6e+02;
    Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 718 AATTTCAGGAGCTGC 732  
|||||  
Db 17 AATTTCAGGAGCTGC 3

RESULT 668  
US-08-435-628-2585/c  
; Sequence 2585, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2585:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTTCAGGAGCTGC 732  
|||||  
Db 17 AATTTCAGGAGCTGC 3

RESULT 669  
US-08-292-620A-1637  
; Sequence 1637, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1637:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 5.6e+02;  
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 669 CTGAAGCTCAGAT 683  
|||||  
Db 1 CUGAAGCUCAGAU 15

RESULT 670  
US-08-292-620A-1929/c  
; Sequence 1929, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb

```

; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1929:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1929

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```

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 787 AGCGGAAAGTCGAGG 801
DB 15 AGCGGAAAGTCGAGG 1

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RESULT 671
US-08-985-162-182
; Sequence 182, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 182:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-182

```

```

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 5.6e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

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QY 654 AGTGTCTCATGCAG 668
DB 3 AGUUUUCUUGCAG 17

```

```

RESULT 672
US-08-985-162-183
; Sequence 183, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:

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two

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; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Waiburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-183

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Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 5.6e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

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Qy 654 AGTGTTCATCGAG 668
Db 1 AGUUUCUCUUGCAG 15

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```

RESULT 673
US-09-050-559C-18
; Sequence 18, Application US/09050559C
; Patent No. 6096502
; GENERAL INFORMATION:
; APPLICANT: Sam S-K Lee
; TITLE OF INVENTION: NOVEL SUBSTRATE FOR DETECTING UL9
; TITLE OF INVENTION: HELICASE ACTIVITY
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David J. Weitz, Wilson Sonsini Goodrich
; STREET: 650 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1050
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; OPERATING SYSTEM: Microsoft Windows 95/DOS 5.0
; SOFTWARE: Wordperfect for windows 6.0,
; SOFTWARE: ASCII (DOS) TEXT format
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/050,559C
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: David J. Weitz
; REGISTRATION NUMBER: 38,362
; REFERENCE/DOCKET NUMBER: 16842-746
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 493-9300
; TELEFAX: (650) 493-6811
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: double

```

```

; TOPOLOGY: linear
US-09-050-559C-18

```

```

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 777 AAGAAGTGTGAGCGC 791
Db 2 AAGAAGTGTGAGACGC 16

```

```

RESULT 674
US-08-998-099-30/c
; Sequence 30, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-30

```

```

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 771 CTGGAGAAGAGTGT 785
Db 15 CTGGAGAAGAGTCT 1

```

```

RESULT 675
US-08-998-099-98/c
; Sequence 98, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 98
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

```

US-08-998-099-98

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGTCTC 677  
DB 17 ATGCTGCTGATGCTC 3

RESULT 676  
US-09-071-845-1637  
; Sequence 1637, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:

; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1637:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-09-071-845-1637  
Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 5.6e+02;  
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGAT 683

DB 1 CUGAAGCUCAGAUU 15

RESULT 677  
US-09-071-845-1929/c  
; Sequence 1929, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1929:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-09-071-845-1929  
Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 787 AGCGAACTGCAGG 801  
DB 15 AGGCAAGTGCAGG 1

RESULT 678  
US-09-021-701-113  
; Sequence 113, Application US/09021701

Patent No. 6251588  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Delenstarr, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021,701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-852-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 113:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-113  
Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 135 TCTGCTTTGGGGCT 149  
Db 1 TCTGTTTGGGGAT 15  
RESULT 679  
US-09-338-907-138  
Sequence 138, Application US/09338907  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Ilva, Chumakov  
APPLICANT: Bouqueleret, Lydie  
TITLE OF INVENTION: PROSTATE CANCER GENE  
FILE REFERENCE: GENSET.18CPICP  
CURRENT APPLICATION NUMBER: US/09/338,907  
CURRENT FILING DATE: 1999-06-23  
EARLIER APPLICATION NUMBER: 08/996,306  
EARLIER FILING DATE: 1997-12-22  
EARLIER APPLICATION NUMBER: 60/099,658  
EARLIER FILING DATE: 1998-09-09  
EARLIER APPLICATION NUMBER: 09/218,207  
EARLIER FILING DATE: 1998-12-22  
NUMBER OF SEQ ID NOS: 578

SOFTWARE: Patent.pm  
SEQ ID NO 138  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..17  
OTHER INFORMATION: amplification oligonucleotide PGIASel4  
US-09-338-907-138  
Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 299 CGGGGCCCTGCATGG 313  
Db 1 CGGGTCCAGCATGG 15  
RESULT 680  
US-08-881-189B-8  
Sequence 8, Application US/08881189B  
Patent No. 6310195  
GENERAL INFORMATION:  
APPLICANT: Colucci et al.  
TITLE OF INVENTION: NUCLEIC ACID ENCODING A LECTIN-DERIVED  
PROGENITOR CELL PRESERVATION FACTOR  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann & Baron, LLP  
STREET: 350 Jericho Turnpike  
CITY: Jericho  
STATE: New York  
COUNTRY: USA  
ZIP: 11753  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/881,189B  
FILING DATE: June 24, 1997  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Feit, Irving N.  
REGISTRATION NUMBER: 28,601  
REFERENCE/DOCKET NUMBER: 381-44 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 822-3550  
TELEFAX: (516) 822-3582  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-881-189B-8  
Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 5.6e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;  
QY 630 GCTCAGTCCGCTCCCT 646  
Db 1 GCYCARTCYTCYTCYTT 17  
RESULT 681



US-09-218-207-138  
; Sequence 138, Application US/09218207  
; Patent No. 6346381  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Ilya, Chumakov  
; APPLICANT: Bougueleret, Lydie  
; TITLE OF INVENTION: Prostate cancer gene  
; FILE REFERENCE: GENSET.018CP1  
; CURRENT APPLICATION NUMBER: US/09/218,207  
; EARLIER FILING DATE: 1998-12-22  
; EARLIER APPLICATION NUMBER: 08/996,306  
; EARLIER FILING DATE: 1997-12-22  
; EARLIER APPLICATION NUMBER: 60/099,658  
; EARLIER FILING DATE: 1998-09-09  
; NUMBER OF SEQ ID NOS: 578  
; SOFTWARE: Patent.pm  
; SEQ ID NO 138  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: misc.feature  
; LOCATION: 1..17  
; OTHER INFORMATION: amplification oligonucleotide PGIASel4  
US-09-218-207-138

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 299 CGGGGCCCTGCATGG 313  
Db 1 CGGGGCCCTGCATGG 15

RESULT 682  
US-08-584-040-2236  
; Sequence 2236, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2236:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-2236

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 60.0%; Pred. No. 5.6e+02;  
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 205 TGGGTCCCGCCCT 219  
Db 3 UGGCUUCCAGCUCU 17

RESULT 683  
US-08-584-040-2823  
; Sequence 2823, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2823:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2823

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 20.0%; Pred. No. 5.6e+02;  
Matches 3; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 329 TTTCAGGTTTGTTT 943  
DB 1 UUCACUUUUUUU 15

## RESULT 684

US-08-584-040-4314/c  
Sequence 4314, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 4314:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4314

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 ACTGACTGAACCTG 816  
DB 16 ACTGACTGATTCCTG 2

## RESULT 685

US-08-584-040-4375  
Sequence 4375, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 4375:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4375

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 60.0%; Pred. No. 5.6e+02;  
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTTGAAG 254  
DB 1 GCUCACUUUUUUAAG 15

## RESULT 686

US-08-584-040-5525/c  
Sequence 5525, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR

;/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
;/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
;/ TITLE OF INVENTION: GROWTH FACTOR  
;/ NUMBER OF SEQUENCES: 8502  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Lyon & Lyon  
;/ STREET: 633 West Fifth Street  
;/ STREET: Suite 4700  
;/ CITY: Los Angeles  
;/ STATE: California  
;/ COUNTRY: U.S.A.  
;/ ZIP: 90071-2066  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
;/ SOFTWARE: Word Perfect 5.1  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/584,040  
;/ FILING DATE: January 11, 1996  
;/ CLASSIFICATION: 514  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 60/005,974  
;/ FILING DATE: October 26, 1995  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 218/064  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 5525:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 17 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-584-040-5525  
;/  
;/ Query Match 1.4%; Score 11.8; DB 1; Length 17;  
;/ Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
;/ Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
;/  
;/ QY 719 ATTTCCAGGAGCTGGG 733  
;/ Db 16 ATATCCAGGAGCTGGG 2  
;/  
;/ RESULT 687  
;/ US-08-584-040-5752/c  
;/ Sequence 5752, Application US/08584040  
;/ Patent No. 6346398  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Pavco, Pamela  
;/ APPLICANT: McSwiggen, James  
;/ APPLICANT: Stinchcomb, Dan T.  
;/ APPLICANT: Escobedo, Jaime  
;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
;/ TITLE OF INVENTION: TREATMENT OF DISEASES OR  
;/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
;/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
;/ TITLE OF INVENTION: GROWTH FACTOR  
;/ NUMBER OF SEQUENCES: 8502  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Lyon & Lyon  
;/ STREET: 633 West Fifth Street  
;/ STREET: Suite 4700  
;/ CITY: Los Angeles  
;/ STATE: California  
;/ COUNTRY: U.S.A.  
;/ ZIP: 90071-2066

;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
;/ SOFTWARE: Word Perfect 5.1  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/584,040  
;/ FILING DATE: January 11, 1996  
;/ CLASSIFICATION: 514  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 60/005,974  
;/ FILING DATE: October 26, 1995  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 218/064  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 5752:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 17 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-584-040-5752  
;/  
;/ Query Match 1.4%; Score 11.8; DB 1; Length 17;  
;/ Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
;/ Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
;/  
;/ QY 457 TCCAGGAGAGCTCC 471  
;/ Db 17 TCCAGGAGAGCTCC 3  
;/  
;/ RESULT 688  
;/ US-08-584-040-5753/c  
;/ Sequence 5753, Application US/08584040  
;/ Patent No. 6346398  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Pavco, Pamela  
;/ APPLICANT: McSwiggen, James  
;/ APPLICANT: Stinchcomb, Dan T.  
;/ APPLICANT: Escobedo, Jaime  
;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
;/ TITLE OF INVENTION: TREATMENT OF DISEASES OR  
;/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
;/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
;/ TITLE OF INVENTION: GROWTH FACTOR  
;/ NUMBER OF SEQUENCES: 8502  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Lyon & Lyon  
;/ STREET: 633 West Fifth Street  
;/ STREET: Suite 4700  
;/ CITY: Los Angeles  
;/ STATE: California  
;/ COUNTRY: U.S.A.  
;/ ZIP: 90071-2066  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
;/ SOFTWARE: Word Perfect 5.1  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/584,040  
;/ FILING DATE: January 11, 1996  
;/ CLASSIFICATION: 514  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 60/005,974

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; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5753:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5753

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 457 TCCAGGAGAGCTCC 471
Db 15 TCCAGGAGAGCTCC 1

RESULT 689
US-08-584-040-7309/c
; Sequence 7309, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7310:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7310

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 434 TCCTAGTCTAAAGCC 448
Db 15 TCCTATTATAAGCC 1

RESULT 690
US-08-584-040-7310/c
; Sequence 7310, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7310:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7310

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 434 TCCTAGTCTAAAGCC 448
Db 15 TCCTATTATAAGCC 1
```

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RESULT 691
US-08-584-040-7705
; Sequence 7705, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7705:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7705

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 5.6e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 336 GAGCAACTGGTGCC 350
Db 1 GAGAAACUUGGUGAC 15

RESULT 692
US-08-584-040-7778/c
; Sequence 7778, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

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```

; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7778:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7778

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 559 AACAGCAGGATCCT 573
Db 17 AACAGCAGGATCCT 3

RESULT 693
US-08-679-645-141/c
; Sequence 141, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1283
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700

```

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 141:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-141

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 679 CAGATGATCTGCAC 693  
Db 15 CAGACGATCTGCAC 1

RESULT 694  
US-08-679-645-178  
Sequence 178, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 178:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-178

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 5.6e+02;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 566 GGGATCTGCTGCC 580  
Db 1 GGGAUCCUCCGAGGCC 15

RESULT 695  
US-08-679-645-776  
Sequence 776, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/001,135  
; FILING DATE: July 13, 1995  
; APPLICATION NUMBER: 08/300,726  
; FILING DATE: September 2, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 219/247  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 776:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-679-645-776

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 53.3%; Pred. No. 5.6e+02;  
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 488 TCAGGATCTAATTGG 502  
Db 2 UCAGUAUCUUAUUGG 16

RESULT 696  
US-09-593-012-53/c  
; Sequence 53, Application US/09593012  
; Patent No. 6387652  
; GENERAL INFORMATION:  
; APPLICANT: HAUGLAND, Richard  
; APPLICANT: VESPER, Stephen  
; TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA  
; FILE REFERENCE: HAUGLAND=1A  
; CURRENT APPLICATION NUMBER: US/09/593,012  
; CURRENT FILING DATE: 2000-06-13  
; PRIOR APPLICATION NUMBER: US 09/290,990  
; PRIOR FILING DATE: 1999-04-14  
; PRIOR APPLICATION NUMBER: US 60/081,773  
; PRIOR FILING DATE: 1998-04-15  
; NUMBER OF SEQ ID NOS: 225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 53  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Chaetomium globosum  
US-09-593-012-53

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 720 TTTCAGGAGCTGGG 734  
Db 15 TTTCAGGAGCTGGG 1

RESULT 697  
US-09-916-228-12  
; Sequence 12, Application US/09916228  
; Patent No. 6498013  
; GENERAL INFORMATION:  
; APPLICANT: Velculescu, Victor  
; APPLICANT: Sparks, Andrew  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; TITLE OF INVENTION: Serial analysis of transcript expression  
; FILE REFERENCE: using long tags

; FILE REFERENCE: 001107.00172  
; CURRENT APPLICATION NUMBER: US/09/916,228  
; CURRENT FILING DATE: 2001-07-27  
; PRIOR APPLICATION NUMBER: 60/221,556  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: 60/233,431  
; PRIOR FILING DATE: 2000-09-18  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: tag or tag concatenamer  
US-09-916-228-12

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 756 AAGGAGATGGCAGAA 770  
Db 2 AAGGAGATGGCAGAA 16

RESULT 698  
US-09-319-588C-22/c  
; Sequence 22, Application US/09319588C  
; Patent No. 6509018  
; GENERAL INFORMATION:  
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM  
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS  
; APPLICANT: INSTITUT PASTEUR  
; APPLICANT: MAUCLERE, Philippe  
; APPLICANT: LOUSSERT-AJAKA, Ibtissam  
; APPLICANT: SIMON, Francois  
; APPLICANT: SARAGOSTI, Sentob  
; APPLICANT: BARRE-SINOUSI, Francoise  
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.  
; FILE REFERENCE: 598US12  
; CURRENT APPLICATION NUMBER: US/09/319,588C  
; CURRENT FILING DATE: 1999-08-27  
; PRIOR APPLICATION NUMBER: FR96/15087  
; PRIOR FILING DATE: 1996-12-09  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 22  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-319-588C-22

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 151 CAGCTCCATCTTGC 165  
Db 16 CAGCTCCCTGCTTGC 2

RESULT 699  
US-09-319-588C-74/c  
; Sequence 74, Application US/09319588C  
; Patent No. 6509018  
; GENERAL INFORMATION:  
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM  
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS  
; APPLICANT: INSTITUT PASTEUR  
; APPLICANT: MAUCLERE, Philippe

```

; APPLICANT: LOUSERT-AJAKA, Ibtissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARAGOSTI, Sentob
; APPLICANT: BARRE-SINOSSI, Françoise
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; CURRENT FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 74 (corresponds to LPBS.1 ltr of Figure 1)
; LENGTH: 17
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
; US-09-319-588C-74

```

```

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 151 CAGCTCCATCTGC 165
Db 16 CAGCTCCCTGCTGC 2

```

```

RESULT 700
US-09-474-432B-351
; Sequence 351, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 351
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-351

```

```

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 5.6e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 143 GGGGCTGCAGCTCC 157
Db 2 GGGAGCUGGAGCUUC 16

```

```

RESULT 701
US-09-474-432B-501/c

```

```

; Sequence 501, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 501
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-501

```

```

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 390 GCGGCGACACACC 404
Db 16 GCGGCGACACACC 2

```

```

RESULT 702
US-09-474-432B-751/c
; Sequence 751, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 751
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-751

```



Query Match 1.4%; Score 11.8; DB 1; Length 17;

Best Local Similarity 86.7%; Pred. No. 5.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 147

DB 15 TGTGCTTTGGGG 1

RESULT 703

US-09-371-772B-781

; Sequence 781, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MBH00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 781

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-781

Query Match

Best Local Similarity 1.4%; Score 11.8; DB 1; Length 17;

Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 205 TGGTTCCTCCAGCCCT 219

DB 3 UGGCUUCCAGCCUCU 17

RESULT 704

US-09-371-772B-1347

; Sequence 1347, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MBH00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1347

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-1347

Query Match

Best Local Similarity 1.4%; Score 11.8; DB 1; Length 17;

Best Local Similarity 20.0%; Pred. No. 5.6e+02;

Matches 3; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 929 TTTCAGGTTTGT 943

DB 1 UUUCACUUUUGUUU 15

RESULT 705

US-09-371-772B-2081/c

; Sequence 2081, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MBH00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2081

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-2081

Query Match

Best Local Similarity 1.4%; Score 11.8; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 ACTGACTGAACCTG 816

DB 16 ACTGACTGATTCCTG 2

RESULT 706

US-09-371-772B-2142

; Sequence 2142, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MBH00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2142

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-2142

Query Match

Best Local Similarity 1.4%; Score 11.8; DB 1; Length 17;

Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTGAAG 254  
|||:|:|:|:|:|  
Db 1 GCUCAGAUUUUGAAG 15

## RESULT 707

US-09-371-772B-2416/c  
; Sequence 2416, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 2416  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-2416

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 ATTCAGGAGCTCGG 733  
|||:|:|:|:|:|  
Db 16 ATATCAGGAGCTGGG 2

## RESULT 708

US-09-371-772B-2631/c  
; Sequence 2631, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 2631  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-2631

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 TCCAGGAGAGCTCC 471  
|||:|:|:|:|:|  
Db 17 TCCACGGAGAGCTCC 3

## RESULT 709

US-09-371-772B-2632/c  
; Sequence 2632, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 2632  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-2632

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 TCCAGGAGAGCTCC 471  
|||:|:|:|:|:|  
Db 15 TCCACGGAGAGCTCC 1

## RESULT 710

US-09-371-772B-3118/c  
; Sequence 3118, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 3118  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3118

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 434 TGCTAGTCTAAAGCC 448  
||||| |||||  
Db 17 TGTATTATAAGCC 3

## RESULT 711

US-09-371-772B-3119/c  
; Sequence 3119, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3119  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3119

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 434 TGCTAGTCTAAAGCC 448  
||||| |||||  
Db 15 TGTATTATAAGCC 1

## RESULT 712

US-09-371-772B-3490  
; Sequence 3490, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3490  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3490

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 5.6e+02;  
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 336 GAGCACTTGGTGCC 350

Db 1 GAGAAACUUGUGAC 15  
||| |||: |||: |

## RESULT 713

US-09-371-772B-3562/c  
; Sequence 3562, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3562  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3562

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 559 AACAGCAGGATCCT 573  
||||| |||||  
Db 17 AACAGCAGGATCCT 3

## RESULT 714

US-09-371-772B-4716/c  
; Sequence 4716, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4716  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4716

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAGTT 516  
||||| |||||

D**b** 1'5 GTGATTGCCCAAGT 1

RESIT,T 715

```

RES001 713
US-09-371-772B-5164
; Sequence 5164, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Favco, Fam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; TITLE OF INVENTION: Levels of Vascular En
; FILE REFERENCE: MEHQ00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5164
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5164

```

```
Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 5.6e+02;
Matches 9: Conservative 4; Mismatches 2; Indels
```

QY 205 TGGGTTCCAGCCCT 219  
:|:|:|:|:|:|:  
pb 2 UGGCUUCCAGCUCU 16

RESULT 716

```

RES001 7140
/ Sequence 5165, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for
/ TITLE OF INVENTION: Levels of Vascular Endo
/ FILE REFERENCE: MBH900,876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 5165
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/ US-09-371-772B-5165

```

```
Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 5.6e+02;
Matches 9; Conservative 4; Mismatches 2; Indels
```

```

QY      205 TGGGTTCCAGCCCT 219
      :|: :|:|:|:|:|:
Db      1 UGGCUUCCAGCUCU 15

```

RESULT 717

```

US-09-371-772B-5273/C
/ Sequence 5273, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for
/ TITLE OF INVENTION: Levels of Vascular En
/ FILE REFERENCE: MBH90C.876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14255
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 5273
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-5273

```

Query Match : 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 583 ACGTGTCTTACTTCC 597  
 |||||  
 Db 16 ACGTGACTGACTTCC 2

RESIT.T 718

```

RESOL1 718
US-09-371-772B-6149/c
/ Sequence 6149, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stichcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for
/ TITLE OF INVENTION: Levels of Vascular En
/ FILE REFERENCE: MBH800, 876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14255
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 6149
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/ US-09-371-772B-6149

```

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13: Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 426 CTGCCCCCTGCTAGT 440  
||| ||| ||| ||| ||| ||| |||  
Db 17 CTGTCCCCCTGCCAAGT 3

## RESULT 719

US-09-371-772B-6622  
; Sequence 6622, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6622  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6622

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 5.6e+02;  
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 909 RAAGTGAAGACAGC 923  
Db 2 AAUACACAGACG 16

## RESULT 720

US-09-371-772B-6837/C  
; Sequence 6837, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6837  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6837

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 802 ACTGACTGAACCTG 816  
Db 15 ACTGACTGATTCCTG 1

## RESULT 721

US-09-512-563C-40  
; Sequence 40, Application US/09512563C  
; Patent No. 6579969  
; GENERAL INFORMATION:  
; APPLICANT: Saus, Juan  
; TITLE OF INVENTION: Goodpasture Binding Protein  
; FILE REFERENCE: 98-723-A  
; CURRENT APPLICATION NUMBER: US/09/512,563C  
; CURRENT FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: 60/121,483  
; PRIOR FILING DATE: 1999-02-24  
; NUMBER OF SEQ ID NOS: 63  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 40  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: ON-GPBP-57c  
US-09-512-563C-40

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 823 TGGGTGCTGAAGCTG 837  
Db 2 TGGGAGCTGAATCTG 16

## RESULT 722

US-09-476-387-350  
; Sequence 350, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti  
; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 350  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-350

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 5.6e+02;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 143 GGGGGCTGCAGCTCC 157  
Db 2 GGGAGCUGCAGCUUC 16

RESULT 723  
US-09-476-387-500/c  
; Sequence 500, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MHR00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 500  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-500

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 390 GCGGGCACACACC 404  
|||  
Db 16 GCGGGCACACACC 2

RESULT 724  
US-09-476-387-750/c  
; Sequence 750, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MHR00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 750

LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-750

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 TGTCGCTTTGGGG 147  
|||  
Db 15 TGTGCTTTGGGG 1

RESULT 725  
US-09-401-063-182  
; Sequence 182, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 182:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-09-401-063-182

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 53.3%; Pred. No. 5.6e+02;  
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 654 AGTGTCTCATGCAG 668  
|||  
Db 3 AGTGTCTCATGCAG 17

; CURRENT FILING DATE: 2001-04-06  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; NUMBER OF SEQ ID NOS: 1881  
 ; SOFTWARE: Aeomica Sequence Listing Engine  
 ; Patent No. 6656700  
 ; SEQ ID NO 464  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-827-998-464  
 Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 770 ACTGGAGAGAGAGTG 784  
 DB 3 ACTGAGAGAGAGGG 17  
 RESULT 728  
 US-09-827-998-465  
 ; Sequence 465, Application US/09827998  
 ; Patent No. 6656700  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gu, Yizhong  
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
 ; FILE REFERENCE: MDHMOF-8  
 ; CURRENT APPLICATION NUMBER: US/09/827,998  
 ; CURRENT FILING DATE: 2001-04-06  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; NUMBER OF SEQ ID NOS: 1881  
 ; SOFTWARE: Aeomica Sequence Listing Engine  
 ; Patent No. 6656700  
 ; SEQ ID NO 465  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-827-998-465  
 Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 770 ACTGGAGAGAGAGTG 784  
 DB 2 ACTGAGAGAGAGGG 16  
 RESULT 729  
 US-09-827-998-886/c  
 ; Sequence 886, Application US/09827998  
 ; Patent No. 6656700  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gu, Yizhong  
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
 ; FILE REFERENCE: MDHMOF-8  
 ; CURRENT APPLICATION NUMBER: US/09/827,998  
 ; CURRENT FILING DATE: 2001-04-06  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; NUMBER OF SEQ ID NOS: 1881  
 ; SOFTWARE: Aeomica Sequence Listing Engine

RESULT 726  
 US-09-401-063-183  
 ; Sequence 183, Application US/09401063  
 ; Patent No. 6623962  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Akhtar, Saghir  
 ; APPLICANT: Fell, Patricia  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
 ; TITLE OF INVENTION: FACTOR RECEPTORS  
 ; NUMBER OF SEQUENCES: 1877  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: FastSeq for Windows 2.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/401,063  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/585,162  
 ; FILING DATE: 04 December 1997  
 ; APPLICATION NUMBER: 60/036,476  
 ; FILING DATE: 31 January 1997  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 230/107  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1500  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 183:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-09-401-063-183  
 Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 53.3%; Pred. No. 5.6e+02;  
 Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;  
 QY 654 AGTGTTCATGCG 668  
 DB 1 AGUUUUCUUGCG 15  
 RESULT 727  
 US-09-827-998-464  
 ; Sequence 464, Application US/09827998  
 ; Patent No. 6656700  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gu, Yizhong  
 ; APPLICANT: Shannon, Mark  
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
 ; FILE REFERENCE: MDHMOF-8  
 ; CURRENT APPLICATION NUMBER: US/09/827,998

; Patent No. 6656700  
; SEQ ID NO 886  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-886

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 759 GAGATGGCAGAACTG 773  
Db 17 GAGTTGGCAGAAACAG 3

## RESULT 730

US-09-827-998-887/c  
; Sequence 887, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 887  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-887

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 759 GAGATGGCAGAACTG 773  
Db 16 GAGTTGGCAGAAACAG 2

## RESULT 731

US-09-827-998-888/c  
; Sequence 888, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 888  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-888

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 759 GAGATGGCAGAACTG 773  
Db 15 GAGTTGGCAGAAACAG 1

## RESULT 732

US-09-726-774-137/c  
; Sequence 137, Application US/09726774  
; Patent No. 6677153  
; GENERAL INFORMATION:  
; APPLICANT: Iversen, Patrick L.  
; TITLE OF INVENTION: Antisense Antibacterial Method and  
; FILE REFERENCE: Composition  
; FILE REFERENCE: 0450-0032.30  
; CURRENT APPLICATION NUMBER: US/09/726,774  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 60/168,150  
; PRIOR FILING DATE: 1999-11-29  
; NUMBER OF SEQ ID NOS: 139  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 137  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense oligomer  
US-09-726-774-137

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 GGATCTGCACACGCC 698  
Db 17 GGATCAGCAGCGGCC 3

## RESULT 733

US-09-866-108A-172  
; Sequence 172, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665





FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 197  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-197

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 820 CTGTGGGTGCTGAAG 834  
|||||  
DB 3 CTGTGGGAGCAGAAG 17

RESULT 737  
US-09-866-108A-198  
Sequence 198, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 198  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-210

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 198  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-198

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 820 CTGTGGGTGCTGAAG 834  
|||||  
DB 2 CTGTGGGAGCAGAAG 16

RESULT 738  
US-09-866-108A-210/c  
Sequence 210, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 210  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-210

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTTCTCGACTCT 551  
|||||  
DB 17 CCTCTTCCGAATCT 3

RESULT 739  
US-09-866-108A-211/c  
; Sequence 211, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 211  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-211

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTTCTCGACTCT 551  
|||||  
DB 16 CCTCTTCCGAATCT 2

RESULT 740  
US-09-866-108A-1383  
; Sequence 1383, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1383  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1383

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGCTC 677  
|||||  
DB 3 ACGCAGGTGAAGCTC 17

RESULT 741  
US-09-866-108A-1384  
; Sequence 1384, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 1384  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-1384

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGCTC 677  
 |||||  
 Db 2 ACCGAGGTGAAGCTC 16

RESULT 742  
 US-09-866-108A-1385  
 ; Sequence 1385, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 1385  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-1385

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 663 ATGCAGCTGAAGCTC 677  
 |||||  
 Db 1 ACCGAGGTGAAGCTC 15

RESULT 743  
 US-09-866-108A-1786/c  
 ; Sequence 1786, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 1786  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-1786

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 380 CGTCCTGCTGGCAGG 394  
 |||||  
 Db 17 CTTCCTGCTGGCAGG 3

RESULT 744  
 US-09-866-108A-1789/c  
 ; Sequence 1789, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng

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; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1789
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1789

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 379 CCGTCTGCTGCGG 393
DB 15 CCTTCTGCTGCAG 1

RESULT 745
US-09-866-108A-2649/c
; Sequence 2649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2650
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2649

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 449 AGATGCTTCCAGGA 463
DB 17 AGATGCTGCCAGGA 3

RESULT 746
US-09-866-108A-2650/c
; Sequence 2650, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2650
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2650

Query Match 1.4%; Score 11.8; DB 1; Length 17;
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Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 449 AGATGCTTCCAGGA 463  
Db 16 AGATGGCTGCCAGGA 2

## RESULT 747

US-09-866-108A-2651/c  
; Sequence 2651, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeoica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 2651  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-2651

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 449 AGATGCTTCCAGGA 463  
Db 15 AGATGGCTGCCAGGA 1  
RESULT 748  
US-09-866-108A-6236  
; Sequence 6236, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeoica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 2651  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-2651

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 449 AGATGCTTCCAGGA 463  
Db 15 AGATGGCTGCCAGGA 1

## RESULT 748

US-09-866-108A-6236  
; Sequence 6236, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeoica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6236  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6236

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 324 AGAGAGCTGCGAG 338  
Db 3 AGAGAGCTGCGAG 17

## RESULT 749

US-09-866-108A-6237  
; Sequence 6237, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeoica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6237  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6237

; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6237  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6237

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 324 AGAGAGCTGTGGAG 338  
 |||||  
 Db 2 AGAGGAGTGGGAG 16

RESULT 750  
 US-09-866-108A-6238  
 ; Sequence 6238, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6238  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6238

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 324 AGAGAGCTGTGGAG 338  
 |||||  
 Db 1 AGAGGAGTGGGAG 15

RESULT 751  
 US-09-866-108A-6594  
 ; Sequence 6594, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6594  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6594

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 197 CAGTTTCCTGGGTTTC 211  
 |||||  
 Db 3 CAGCTTGTGGGTTTC 17

RESULT 752  
 US-09-866-108A-6597  
 ; Sequence 6597, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6597  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6597

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 198 AGTTCTCGGTCC 212  
||| |||||  
Db 1 AGCTTGCTGGTCC 15

RESULT 753  
US-09-866-108A-6620  
Sequence 6620, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6620  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6620

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 415 AGGCTCTCCGCTGC 429  
||||| |||||  
Db 2 AGGCTCTCGTCTGC 16

RESULT 754  
US-09-866-108A-6621  
Sequence 6621, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6621  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6621



Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 415 AGGCTCTCGGCTGC 429  
|||||  
DB 1 AGGCTCTCGGCTGC 15

RESULT 755  
US-09-866-108A-6758  
Sequence 6758, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6758  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6759

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAGAGCTCCAGGA 475  
|||||  
DB 2 GGAGAGCTCTCTGGA 16

RESULT 757  
US-09-866-108A-6760  
Sequence 6760, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 415 AGGCTCTCGGCTGC 429  
|||||  
DB 1 AGGCTCTCGGCTGC 15

RESULT 755  
US-09-866-108A-6758  
Sequence 6758, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6758  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6758

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAGAGCTCCAGGA 475  
|||||  
DB 3 GGAGAGCTCTCTGGA 17

RESULT 756  
US-09-866-108A-6759  
Sequence 6759, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.

; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6760  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-6760

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 461 GGAGAGCTCCGGA 475  
 Db 1 GGAGGAGCTCTCGA 15

RESULT 758  
 ; US-09-866-108A-6780  
 ; Sequence 6780, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6780  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 768 GAACCTGGAGAGAG 782  
 Db 2 GAACCTGGAGAGAG 16

RESULT 760  
 ; US-09-866-108A-6782  
 ; Sequence 6782, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang

US-09-866-108A-6780

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 768 GAACCTGGAGAGAG 782  
 Db 3 GAACCTGGAGAGAG 17

RESULT 759  
 ; US-09-866-108A-6781  
 ; Sequence 6781, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6781  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-6781

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 768 GAACCTGGAGAGAG 782  
 Db 2 GAACCTGGAGAGAG 16

RESULT 760  
 ; US-09-866-108A-6782  
 ; Sequence 6782, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang

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; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6782
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6782

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. NO. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 768 GAATCGAGAGAG 782
DB 1 GATCGAGAGAG 15

RESULT 761
US-09-866-108A-7129
; Sequence 7129, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7129
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7129

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7129
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7129

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. NO. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CAGAGAGCTGTGGA 337
DB 3 CAGAGAGTTCGGA 17

RESULT 762
US-09-866-108A-7130
; Sequence 7130, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7130
; LENGTH: 17
; TYPE: DNA

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SECRET / NO FORN DISSEM

[illegible]

; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 7588  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-7588

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 770 ACTGAGAGAGAGTG 784  
 DB 1 ACTGAGAGAGAGTG 15

RESULT 766  
 ; Sequence 7682, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharon G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 7682  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-7682

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 770 ACTGAGAGAGAGTG 784  
 DB 1 ACTGAGAGAGAGTG 15

; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-7682

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 773 GCAGAGAGAGTGCA 787  
 DB 3 GCAGAGAGAGTGCA 17

RESULT 767  
 ; Sequence 7683, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharon G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 7683  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-7683

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 773 GCAGAGAGAGTGCA 787  
 DB 2 GCAGAGAGAGTGCA 16

RESULT 768  
 ; Sequence 7685, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:

```

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7685
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7685

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 AGAAGAAGTGTGAGC 789
DB 2 AGAAGAAGTTTGACC 16

RESULT 769
US-09-866-108A-7686
; Sequence 7686, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7685
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7685

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 AGAAGAAGTGTGAGC 789
DB 2 AGAAGAAGTTTGACC 16

RESULT 770
US-09-866-108A-7999
; Sequence 7999, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7999

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/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7999

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 661 TCATGCAGCTGAAGC 675
DB 3 TCAAGCAGCTGGAGC 17

RESULT 771
US-09-866-108A-8000
/ Sequence 8000, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8000
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8001

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 661 TCATGCAGCTGAAGC 675
DB 1 TCAAGCAGCTGGAGC 15

RESULT 773
US-09-866-108A-8307/c
/ Sequence 8307, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8000
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8000

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 661 TCATGCAGCTGAAGC 675
DB 2 TCAAGCAGCTGGAGC 16

RESULT 772
US-09-866-108A-8001
/ Sequence 8001, Application US/09866108A
/ Patent No. 6686188
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; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8307  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8307

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 679 CAGATGGATCTGCAC 693  
|||||  
DB 17 CAGAAGGAGCTGCAC 3

RESULT 774  
US-09-866-108A-8308/c  
; Sequence 8308, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188

; SEQ ID NO 8308  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8308

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 679 CAGATGGATCTGCAC 693  
|||||  
DB 16 CAGAAGGAGCTGCAC 2

RESULT 775  
US-09-866-108A-8994/c  
; Sequence 8994, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8994  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8994

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 422 CCGCTGCCCTCTGC 436  
|||||  
DB 17 CCGCTGCCCTCTGC 3

RESULT 776  
US-09-866-108A-8995/c  
; Sequence 8995, Application US/09866108A



Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8995  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8995

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 422 CCGGCTGCCCTGTC 436  
Db 16 CCGGCTGCCCTGTC 2

RESULT 777  
US-09-866-108A-9663  
Sequence 9663, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 9663  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-9663

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 564 CAGGGATCCTCGCTG 578  
Db 3 CAGGGTCCACGCTG 17

RESULT 778  
US-09-866-108A-9664  
Sequence 9664, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188  
 ; SEQ ID NO 9664  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-9664

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 564 CAGGGATCTCGCTG 578  
 ||||| |||||  
 Db 2 CAGGGGTCCAGCTG 16

## RESULT 779

US-09-866-108A-9665  
 ; Sequence 9665, Application US/09866108A  
 ; Patent No. 6686188

; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; Sequence 9689, Application US/09866108A  
 ; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeoica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 9688

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-9688

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 501 GGAGATTGCCAGT 515  
 ||||| |||||  
 Db 17 GGAGAGTGGCCAGT 3

## RESULT 781

US-09-866-108A-9689/c

; Sequence 9689, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 564 CAGGGATCTCGCTG 578  
 ||||| |||||  
 Db 1 CAGGGGTCCAGCTG 15

## RESULT 780

US-09-866-108A-9688/c

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; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9889
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9689

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 501 GGAGATTGGCCACT 515
DB 16 GGAGAGTGGCCACT 2
|||||
|||||

RESULT 782
US-09-866-108A-9690/c
; Sequence 9690, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMONICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

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US-09-866-108A-10376  
 ; Sequence 10376, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharon G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 10376  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-10376

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e-02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 CTCACGTGCTTACT 594  
 |||||  
 Db 2 CTCACCTGTGACT 16

RESULT 785  
 US-09-866-108A-10377  
 ; Sequence 10377, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharon G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 10377  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-10377

Query Match 1.4%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 5.6e-02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 CTCACGTGCTTACT 594  
 |||||  
 Db 1 CTCACCTGTGACT 15

RESULT 786  
 US-08-373-124A-2197  
 ; Sequence 2197, Application US/08373124A  
 ; Patent No. 5646042  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Jarvis, Thale  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES  
 ; NUMBER OF SEQUENCES: 2627  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/373,124A  
 ; FILING DATE: January 13, 1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/245,466  
 ; FILING DATE: May 18, 1994  
 ; APPLICATION NUMBER: 08/192,943  
 ; FILING DATE: February 7, 1994  
 ; APPLICATION NUMBER: 07/987,132  
 ; FILING DATE: December 7, 1992

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; JELX: 67-3510
; INFORMATION FOR SEQ ID NO: 2243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-2243

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Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 73.3%; Pred. No. 6.2e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 631 CTCAGTCCCTCC 645  
Db 4 CUCAGACCCGCC 18

## RESULT 789

US-08-373-1242-2463/c  
; Sequence 2463, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2463:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-373-124A-2463  
Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 719 ATTCAGGAGCTCG 733  
Db 18 ATTCAGGAGCTCG 4

RESULT 790  
US-08-420-326-3/c  
; Sequence 3, Application US/08420326  
; Patent No. 5650399  
; GENERAL INFORMATION:  
; APPLICANT: Rokita, Steven E,  
; APPLICANT: Kang, Hyunmin  
; TITLE OF INVENTION: Anthraquinone Derivatives and  
; TITLE OF INVENTION: Conjugates Thereof  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: HOFFMANN & BARON  
; STREET: 350 Jericho Turnpike  
; CITY: Jericho  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 11753

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage  
; COMPUTER: IBM PC Compatible  
; OPERATING SYSTEM: MS DOS  
; SOFTWARE: WordPerfect 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/420,326  
; FILING DATE:  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA: No. 5650399e  
; APPLICATION NUMBER: 08/110,361  
; FILING DATE: 23-AUG-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Alan M. Sack  
; REGISTRATION NUMBER: 31,874  
; REFERENCE/DOCKET NUMBER: 178-133  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (516) 822-3550  
; TELEFAX: (516) 822-3582  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA

US-08-420-326-3  
Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 589 CTTACTCCGGTGGC 603  
Db 18 CTTACTCCGGTGGC 4

## RESULT 791

US-08-363-240A-1125  
; Sequence 1125, Application US/08363240A  
; Patent No. 5705388  
; GENERAL INFORMATION:  
; APPLICANT: Couture, Larry  
; APPLICANT: McSwiggen, James  
; APPLICANT: Bisgaier, Charles  
; APPLICANT: Pape, Michael  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: PREVENTION INHIBITION OF  
; TITLE OF INVENTION: PROGRESSION AND REGRESSION  
; TITLE OF INVENTION: OF VASCULAR DISEASES  
; NUMBER OF SEQUENCES: 1243  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles

```

; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1125:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-1125

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 73.3%; Pred. No. 6.2e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 674 GTCACAGATGATC 688
Db 1 GCUCACAGCUGAAC 15

RESULT 792
US-08-605-089-10
; Sequence 10, Application US/08605089
; Patent No. 5719026
; GENERAL INFORMATION:
; APPLICANT: Takafumi FUKUI
; APPLICANT: Kiyonori KATSURAGI
; APPLICANT: Moritoshi KINOSHITA
; TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
; TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MILO, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/605,089
; FILING DATE: 06-MAR-1996
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: JPA-6-154571
; FILING DATE: 06-JUL-1994
; APPLICATION NUMBER: PCT/JP95/01352
; FILING DATE: 06-JUL-1995
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 BASES
; TYPE: NUCLEOTIDE
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
; US-08-605-089-10

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 703 AGGTGCCCATAGCCA 717
Db 2 AGGTGCCCTTGCCA 16

RESULT 793
US-08-435-628-2197
; Sequence 2197, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2197

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Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 80.0%; Pred. No. 6.2e+02;  
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 952 AACAGTGGCAGG 966  
|||||:|||||  
Db 4 AACAGAUGGCAG 18

RESULT 794  
US-08-435-628-2209  
; Sequence 2209, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; FILING DATE: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2209:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-435-628-2209

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 6.2e+02;  
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 210 TCCAGCCCTCTCCA 224

Db 3 UCUCAGCUCUCUCA 17

RESULT 795  
US-08-435-628-2243  
; Sequence 2243, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; FILING DATE: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2243:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-435-628-2243

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 73.3%; Pred. No. 6.2e+02;  
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 631 CTCAGTCCGCTCCC 645

Db 4 CUCAGACCCCUCCC 18

RESULT 796  
US-08-435-628-2463/c



; Sequence 2463, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggan, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TREATMENT OF RESTENOSIS AND  
; CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 533 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2463:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-435-628-2463  
  
Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 719 ATTCTGAGCTCG 733  
DB 18 ATTCTGAGCTCG 4  
  
RESULT 797  
US-08-466-337A-11  
; Sequence 11, Application US/08466337A  
; Patent No. 5830756  
; GENERAL INFORMATION:  
; APPLICANT: Haskill, John S.  
; APPLICANT: Baldwin Jr., Albert S.  
; APPLICANT: Ralph, Peter  
; TITLE OF INVENTION: Inhibitor of NF-kB Transcriptional  
; Activity and Uses Thereof  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower/ 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: United States  
; ZIP: 60606-6402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/475,359  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:

; TITLE OF INVENTION: Inhibitor of NF-kB Transcriptional  
; Activity and Uses Thereof  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower/ 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: United States  
; ZIP: 60606-6402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/466,337A  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Pochopien, Donald J.  
; REGISTRATION NUMBER: 32,167  
; REFERENCE/DOCKET NUMBER: 0899.008/33513  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312/474-6300  
; TELEFAX: 312/474-0448  
; TELEX: 25-3856  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; US-08-466-337A-11  
  
Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 920 CAGCGGACCTTCAG 934  
DB 1 CAGCGGACCTTCG 15  
  
RESULT 798  
US-08-475-359-11  
; Sequence 11, Application US/08475359  
; Patent No. 5846714  
; GENERAL INFORMATION:  
; APPLICANT: Haskill, John S.  
; APPLICANT: Baldwin Jr., Albert S.  
; APPLICANT: Ralph, Peter  
; TITLE OF INVENTION: Inhibitor of NF-kB Transcriptional  
; Activity and Uses Thereof  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower/ 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: United States  
; ZIP: 60606-6402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/475,359  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:



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; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-39

Query Match          1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 601 GCGGGTGCAGCTGG 615
Db 17 GCGAGGTGCAGCTGG 3

RESULT 802
US-09-205-922-54
; Sequence 54, Application US/09205922
; Patent No. 5951455
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
; FILE REFERENCE: R1S-0030
; CURRENT APPLICATION NUMBER: US/09/205,922
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 54
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-54

Query Match          1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 380 CGTCCTGCTGGCGGG 394
Db 1 CGTCCTGCTGGGTGG 15

RESULT 803
US-08-726-012B-8/c
; Sequence 8, Application US/08726012B
; Patent No. 5952190
; GENERAL INFORMATION:
; APPLICANT: Hans Joenje, et al.
; TITLE OF INVENTION: CDNA FOR FANCONI ANEMIA COMPLEMENTATION GROUP A
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klatquist Sparkman Campbell Leigh & Whinston, LLP
; STREET: One World Trade Center, Suite 1600, 121 S.W. Salmon Street
; CITY: Portland
; STATE: OR
; COUNTRY: USA
; ZIP: 97204-2988
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Disk, 3.5-inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WordPerfect 5.1+, ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/726,012B
; FILING DATE: 10/04/96
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

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; ATTORNEY/AGENT INFORMATION:
; NAME: Richard J. Polley
; REGISTRATION NUMBER: 28,107
; REFERENCE/DOCKET NUMBER: 3812-43520/RJP/DJE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (503) 226-7391
; TELEFAX: (503) 228-9446
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-726-012B-8

Query Match          1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 396 ACACACACCTGCTC 410
Db 17 ACACACCTGCTC 3

RESULT 804
US-09-166-203-24
; Sequence 24, Application US/09166203A
; Patent No. 5968826
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Congdon, Tom P.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISFH-0323
; CURRENT APPLICATION NUMBER: US/09/166,203A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 60
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-203-24

Query Match          1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 300 GGGCCCTGCTGCTGG 314
Db 2 GGTGCTCTGCTGCTGG 16

RESULT 805
US-08-465-887A-11
; Sequence 11, Application US/08465887A
; Patent No. 6001582
; GENERAL INFORMATION:
; APPLICANT: Haskill, John S.
; APPLICANT: Baldwin Jr., Albert S.
; APPLICANT: Ralph, Peter
; TITLE OF INVENTION: Inhibitor of NF-kB Transcriptional
; TITLE OF INVENTION: Activator and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower/ 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606-6402
; COMPUTER READABLE FORM:

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MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,887A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Pochopien, Donald J.  
REGISTRATION NUMBER: 32,167  
REFERENCE/DOCKET NUMBER: 0899,006/33516  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-465-887A-11

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CACGGGACTTTTCAG 934  
||| |||||  
DB 1 CACAGGGACTTTCG 15

RESULT 806  
US-09-205-921-40  
Sequence 40, Application US/09205921A  
Patent No. 6008048  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: ex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION  
FILE REFERENCE: RTS-0028  
CURRENT APPLICATION NUMBER: US/09/205,921A  
CURRENT FILING DATE: 1998-12-04  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 40  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-921-40

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 250 TGAAGGACTTAGACA 264  
||| |||||  
DB 3 TGAAGGACTTGACA 17

RESULT 807  
US-09-289-376-43/c  
Sequence 43, Application US/09289376  
Patent No. 6013788  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD3 EXPRESSION  
FILE REFERENCE: RTS-0043  
CURRENT APPLICATION NUMBER: US/09/289,376

CURRENT FILING DATE: 1999-04-09  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 43  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-376-43

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 135 TCTGCTTTGGGGCT 149  
||| |||||  
DB 18 TCTGCTCTGGTGCT 4

RESULT 808  
US-08-869-696-10  
Sequence 10, Application US/08869696C  
Patent No. 6031155  
GENERAL INFORMATION:  
APPLICANT: Cameron-Mills, Verena  
APPLICANT: Lok, Finn  
APPLICANT: Sinjorgo, Catharina Maria Cornelia  
APPLICANT: Van Den Dool, Ronald Tako Marinus  
APPLICANT: Caspers, Martinus Petrus Maria  
APPLICANT: Van Zeijl, Van Der Valk, Maria Joanna  
TITLE OF INVENTION: ARABINOXYLAN DEGRADATION  
FILE REFERENCE: 11225, 01US01  
CURRENT APPLICATION NUMBER: US/08/869,696C  
CURRENT FILING DATE: 1997-06-05  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 10  
LENGTH: 18  
TYPE: DNA  
ORGANISM: barley  
US-08-869-696-10

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 ACAGCAGGATCCTC 574  
||| |||||  
DB 3 ACAGCAGAGATCATC 17

RESULT 809  
US-09-339-993-11  
Sequence 11, Application US/09339993A  
Patent No. 6040179  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION  
FILE REFERENCE: RTS-0064  
CURRENT APPLICATION NUMBER: US/09/339,993A  
CURRENT FILING DATE: 1999-06-25  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 11  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-339-993-11

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 262 ACAGGAGCAGCTTCA 276  
 |||||  
 Db 3 ACAGGAGCAGCTTCA 17

RESULT 810

US-09-256-465-39/c  
 ; Sequence 39, Application US/09256465  
 ; Patent No. 6043090  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Lex M. Cowsett  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION  
 ; FILE REFERENCE: RTS-0035  
 ; CURRENT APPLICATION NUMBER: US/09/256,465  
 ; CURRENT FILING DATE: 1999-02-23  
 ; NUMBER OF SEQ ID NOS: 47  
 ; SEQ ID NO 39  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-256-465-39

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 238 TGGCTCAGCTTTGA 252  
 |||||  
 Db 18 TGTCTCGGCTCTTGA 4

RESULT 811

US-09-043-085-3  
 ; Sequence 3, Application US/09043085  
 ; Patent No. 6083685  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Juraj Petrik  
 ; TITLE OF INVENTION: SYSTEMATIC EXTRACTION, AMPLIFICATION AND  
 ; TITLE OF INVENTION: DETECTION OF RETROVIRAL SEQUENCES, AND OLIGONUCLEOTIDES  
 ; TITLE OF INVENTION: FOR USE THEREIN  
 ; NUMBER OF SEQUENCES: 58  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: SALIWANCHIK, LLOYD & SALIWANCHIK  
 ; STREET: 2421 NW 41st STREET, SUITE A-1  
 ; CITY: GAINESVILLE  
 ; STATE: FLORIDA  
 ; COUNTRY: USA  
 ; ZIP: 32606  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; FILING DATE: 6-MAR-1998  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/GB96/02196  
 ; FILING DATE: 6-SEP-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: PACE, DORAN R.  
 ; REGISTRATION NUMBER: 38,261  
 ; REFERENCE/DOCKET NUMBER: GJE-20  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 352-375-8100  
 ; TELEFAX: 352-372-5800  
 ; INFORMATION FOR SEQ ID NO: 3:  
 ; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid  
 ; DESCRIPTION: /desc = "Oligonucleotide"  
 US-09-043-085-3

Query Match

Best Local Similarity 1.4%; Score 11.8; DB 1; Length 18;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 570 TCCTCGCTGCTCAC 584  
 |||||  
 Db 2 TCCTGGCTGGCTCAC 16

RESULT 812

US-09-043-085-27/c  
 ; Sequence 27, Application US/09043085  
 ; Patent No. 6083685  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Juraj Petrik  
 ; TITLE OF INVENTION: SYSTEMATIC EXTRACTION, AMPLIFICATION AND  
 ; TITLE OF INVENTION: DETECTION OF RETROVIRAL SEQUENCES, AND OLIGONUCLEOTIDES  
 ; TITLE OF INVENTION: FOR USE THEREIN  
 ; NUMBER OF SEQUENCES: 58  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: SALIWANCHIK, LLOYD & SALIWANCHIK  
 ; STREET: 2421 NW 41st STREET, SUITE A-1  
 ; CITY: GAINESVILLE  
 ; STATE: FLORIDA  
 ; COUNTRY: USA  
 ; ZIP: 32606  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; FILING DATE: 6-MAR-1998  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/GB96/02196  
 ; FILING DATE: 6-SEP-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: PACE, DORAN R.  
 ; REGISTRATION NUMBER: 38,261  
 ; REFERENCE/DOCKET NUMBER: GJE-20  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 352-375-8100  
 ; TELEFAX: 352-372-5800  
 ; INFORMATION FOR SEQ ID NO: 27:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid  
 ; DESCRIPTION: /desc = "Oligonucleotide"  
 US-09-043-085-27

Query Match

Best Local Similarity 1.4%; Score 11.8; DB 1; Length 18;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 570 TCCTCGCTGCTCAC 584  
 |||||  
 Db 17 TCCTGGCTGGCTCAC 3

RESULT 813

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US-09-344-521-37
; Sequence 37, Application US/09344521
; Patent No. 6100090
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PI3K P85 EXPRESSION
; FILE REFERENCE: R1S-0062
; CURRENT APPLICATION NUMBER: US/09/344,521
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 37
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-521-37
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 317 AGACTGCAGAGAGC 331
| | | | | | | | | |
Db 4 AGACTGCAGAGAGC 18

RESULT 814
US-09-205-143-81
; Sequence 81, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: R1S-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 81
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-81
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 175 CTCACAGTCACAGTG 189
| | | | | | | | | |
Db 1 CTCACAGTCACAGTG 15

RESULT 815
US-09-289-466-69
; Sequence 69, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: R1S-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-69
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 531 CAACGCCCTCTCTC 545
| | | | | | | | | |
Db 3 CAACACCTCTCTC 17

RESULT 816
US-09-213-719-47/C
; Sequence 47, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: R1S-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-47
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 475 AACTTGGCATCTCTC 489
| | | | | | | | | |
Db 16 ATCTTGGCATCTCTC 2

RESULT 817
US-09-038-073-2721/C
; Sequence 2721, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
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; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2721:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-038-073-2721
;
Query Match
; Sequence 34, Application US/09632580A
; Patent No. 6255111
; BEST LOCAL SIMILARITY 86.7%; DB 1; Length 18;
; Mismatches 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 950 TCAACAGCTGGGAG 964
Db 15 TCAAGAGCTGTGCAG 1

RESULT 818
US-09-632-580A-34
; Sequence 34, Application US/09632580A
; Patent No. 6255111
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION
; FILE REFERENCE: RTS-0054
; CURRENT APPLICATION NUMBER: US/09/632,580A
; CURRENT FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-632-580A-34
;
Query Match
; Sequence 34, Application US/09632580A
; Patent No. 6255111
; BEST LOCAL SIMILARITY 86.7%; DB 1; Length 18;
; Mismatches 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 389 GCGGGCAGCACAC 403
Db 4 GCGAGGACGACAC 18

RESULT 819
US-09-381-681-4
; Sequence 4, Application US/09381681
; Patent No. 6255472
; GENERAL INFORMATION:
; APPLICANT: TAKINO, Takashi
; APPLICANT: NAKAMURA, Yusuke
; TITLE OF INVENTION: HUMAN GENES
; FILE REFERENCE: Q55876
; CURRENT APPLICATION NUMBER: US/09/381,681
; CURRENT FILING DATE: 2000-01-10
; EARLIER APPLICATION NUMBER: JPA 9-093044
; EARLIER FILING DATE: 1997-03-26
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
;
US-09-381-681-4
;
Query Match
; Sequence 4, Application US/09381681
; Patent No. 6255472
; BEST LOCAL SIMILARITY 86.7%; DB 1; Length 18;
; Mismatches 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 850 AGCCCCCACTGGTG 864
Db 1 AGCCACTCACTGGTG 15

RESULT 820
US-09-377-309-24
; Sequence 24, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
;
US-09-377-309-24
;
Query Match
; Sequence 24, Application US/09377309B
; Patent No. 6258790
; BEST LOCAL SIMILARITY 86.7%; DB 1; Length 18;
; Mismatches 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 300 GGGGCCCTGCATGG 314
Db 2 GGTCTCTGCATGG 16

RESULT 821
US-09-723-534-20
; Sequence 20, Application US/09723534
; Patent No. 6294382
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-1 EXPRESSION
; FILE REFERENCE: RTS-0225
; CURRENT APPLICATION NUMBER: US/09/723,534
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-723-534-20
;
Query Match
; Sequence 20, Application US/09723534
; Patent No. 6294382
; BEST LOCAL SIMILARITY 86.7%; DB 1; Length 18;
; Mismatches 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 746 CTGGTCCTTAAGGA 760
Db 3 CTGGTCATAAGGA 17

RESULT 822
US-09-723-534-20
;
Query Match
; Sequence 20, Application US/09723534
; Patent No. 6294382
; BEST LOCAL SIMILARITY 86.7%; DB 1; Length 18;
; Mismatches 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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US-09-019-160-86  
 ; Sequence 86, Application US/09019160  
 ; Patent No. 6306588  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chatterjee, Deb K.  
 ; APPLICANT: Solus, Joseph  
 ; APPLICANT: Yang, Shuei  
 ; TITLE OF INVENTION: Polymerases for Analyzing or Typing Polymorphic  
 ; TITLE OF INVENTION: Nucleic Acid Fragments and Uses Thereof  
 ; NUMBER OF SEQUENCES: 93  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C  
 ; STREET: 1100 New York Ave., N.W., Suite 600  
 ; CITY: Washington  
 ; STATE: DC  
 ; COUNTRY: USA  
 ; ZIP: 20005-3934  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent in Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/019,160  
 ; FILING DATE: 06-FEB-1998  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: (To be assigned)  
 ; FILING DATE: 06-JAN-1998  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 60/037,393  
 ; FILING DATE: 07-FEB-1997  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Esmond, Robert W.  
 ; REGISTRATION NUMBER: 32, 893  
 ; REFERENCES/DOCKET NUMBER: 0942.4250002  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-371-2600  
 ; TELEFAX: 202-371-2540  
 ; INFORMATION FOR SEQ ID NO: 86:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: both  
 ; TOPOLOGY: both  
 ; MOLECULE TYPE: cdna  
 US-09-019-160-86

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Query Match      1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 438 AGCTTAAGCCAGAT 452  
||| |||||  
Db 2 AGCCCAAGCCAGAT 16

```

RESULT 823
US-08-584-040-4504
; Sequence 4504, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Storchomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
;

```

NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIORITY APPLICATION DATA:  
PRIORITY APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/054  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4504:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4504

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 60.0%; Pred. No. 6.2e+02;  
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTTGAAG 254  
| | | | | : : : | | |  
D<sub>b</sub> 3 GCUCAGAUAUUGAAG 17

RESULT 824  
 US-08-584-040-6223/c  
 ; Sequence 6223, Application US/08584040  
 ; Patent No. 6346398  
 ;  
 ; GENERAL INFORMATION:  
 ;  
 ; APPLICANT: Pavco, Pamela  
 ; APPLICANT: McSwiggan, James  
 ; APPLICANT: Stinchcomb, Dan T.  
 ;  
 ; TITLE OF INVENTION: Escobedo, Jaime  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 ; TITLE OF INVENTION: GROWTH FACTOR  
 ;  
 ; NUMBER OF SEQUENCES: 8502  
 ;  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSER: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ;  
 ; ZIP: 90071-2066  
 ;  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage



COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 6223:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-6223

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 719 ATTGAGGAGCTGGC 733  
Db 18 ATATCAGGAGCTGGG 4

RESULT 825  
US-08-679-645-611/C  
Sequence 611, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 611:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-611

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 679 CAGATGGATCTGCAC 693  
Db 17 CAGAACGATCTGCAC 3

RESULT 826  
US-09-205-995-15  
Sequence 15, Application US/09205995  
Patent No. 6368855  
GENERAL INFORMATION:  
APPLICANT: Xu, Minzhen  
APPLICANT: Qiu, Gang  
APPLICANT: Humphreys, Robert  
TITLE OF INVENTION: CANCER CELL VACCINE  
FILE REFERENCE: U.S. Application 09/205,995, (CIP)  
CURRENT APPLICATION NUMBER: US/09/205,995  
CURRENT FILING DATE: 1998-12-04  
PRIOR APPLICATION NUMBER: 09/036,746  
PRIOR FILING DATE: 1998-03-09  
PRIOR APPLICATION NUMBER: 08/661,627  
PRIOR FILING DATE: 1996-06-11  
NUMBER OF SEQ ID NOS: 79  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 15  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
OTHER INFORMATION: oligonucleotide corresponding to a specific region  
OTHER INFORMATION: of the mouse 11 gene.  
US-09-205-995-15

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 415 AGGCTCTCCGGTGC 429  
Db 2 AGGCTCTCCAGTTGC 16

RESULT 827  
US-08-294-312B-14  
Sequence 14, Application US/08294312B  
Patent No. 6380369  
GENERAL INFORMATION:  
APPLICANT: Adams et al.  
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
FILE REFERENCE: PF106P2

; CURRENT APPLICATION NUMBER: US/08/294,312B  
 ; CURRENT FILING DATE: 1994-08-23  
 ; PRIOR APPLICATION NUMBER: 08/210,143  
 ; PRIOR FILING DATE: 1994-03-16  
 ; PRIOR APPLICATION NUMBER: 08/187,757  
 ; PRIOR FILING DATE: 1994-01-27  
 ; NUMBER OF SEQ ID NOS: 78  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 14  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: hMLH1 antisense primer  
 US-08-294-312B-14

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 409 TCACGAGGCTCTCC 423  
 Db 1 TCACGAGGCTCTCC 15

# RESULT 828

US-09-415-784-9/c  
 ; Sequence 9, Application US/09415784  
 ; Patent No. 6391632  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dubensky Jr., Thomas W.  
 ; Polo, John M.  
 ; Belli, Barbara A.  
 ; Schlesinger, Sondra  
 ; Dryga, Sergey A.  
 ; Frolov, Ilya

TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS  
 WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR  
 SYNTHESIS

NUMBER OF SEQUENCES: 125  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Seed Intellectual Property Law Group PLLC  
 STREET: 701 Fifth Avenue, Suite 6300  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: USA  
 ZIP: 98104-7092

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/415,784  
 FILING DATE: 08-Oct-1999  
 CLASSIFICATION: <Unknown>  
 ATTORNEY/AGENT INFORMATION:  
 NAME: McWaters, David D.  
 REGISTRATION NUMBER: 33,963  
 REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.006  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 622-4900  
 TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 9:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-09-415-784-9  
 Query Match 1.4%; Score 11.8; DB 1; Length 18;

Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATGCC 455  
 Db 15 CTAATGCCATATGCC 1

# RESULT 829

US-09-167-109-7/c  
 ; Sequence 7, Application US/09167109  
 ; Patent No. 6399297  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Brenda F.  
 ; APPLICANT: Cowert, Lex M.  
 ; APPLICANT: Monia, Brett P.  
 ; APPLICANT: Xu, Xiaoxing S.

TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION  
 FILE REFERENCE: ISPH-0321  
 CURRENT APPLICATION NUMBER: US/09/167,109  
 CURRENT FILING DATE: 1998-10-06  
 NUMBER OF SEQ ID NOS: 238  
 SEQ ID NO 7  
 LENGTH: 18  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: antisense sequence

US-09-167-109-7

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 330 GCTGTGGAGCACTT 344  
 Db 18 GCCTGGAGCACTT 4

# RESULT 830

US-08-468-024B-14  
 ; Sequence 14, Application US/08468024B  
 ; Patent No. 6418984  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Haseltine et al.  
 ; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
 ; FILE REFERENCE: PFI06P3  
 ; CURRENT APPLICATION NUMBER: US/08/468,024B  
 ; CURRENT FILING DATE: 1995-06-06  
 ; PRIOR APPLICATION NUMBER: 08/294,312  
 ; PRIOR FILING DATE: 1994-08-23  
 ; PRIOR APPLICATION NUMBER: 08/210,143  
 ; PRIOR FILING DATE: 1994-03-16  
 ; PRIOR APPLICATION NUMBER: 08/187,757  
 ; PRIOR FILING DATE: 1994-01-27  
 ; NUMBER OF SEQ ID NOS: 78  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 14  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: hMLH1 antisense primer  
 US-08-468-024B-14

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 409 TCACGAGGCTCTCC 423  
 Db 1 TCACGAGGCTCTCC 15

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RESULT 831
US-09-415-785A-9/c
; Sequence 9, Application US/09415785A
; Patent No. 6426196
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; ; Polo, John M.
; ; Belli, Barbara A.
; ; Schlesinger, Sondra
; ; Dryga, Sergey A.
; ; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/415,785A
; FILING DATE: 08-Oct-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-415-785A-9
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATGCC 455
Db 15 CTAATGCCATATGCC 1
|||||
|||||

RESULT 832
US-08-944-465-9/c
; Sequence 9, Application US/08944465
; Patent No. 6451592
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; ; Polo, John M.
; ; Belli, Barbara A.
; ; Schlesinger, Sondra
; ; Dryga, Sergey A.
; ; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/415,868
; FILING DATE: 08-Oct-1999
; CLASSIFICATION: SYNTHESIS
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/944,465
; FILING DATE:

```

```

; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,465
; FILING DATE: 06-Oct-1997
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457C4 / 1196.005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-944-465-9
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATGCC 455
Db 15 CTAATGCCATATGCC 1
|||||
|||||

RESULT 833
US-09-415-868-9/c
; Sequence 9, Application US/09415868
; Patent No. 6458560
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; ; Polo, John M.
; ; Belli, Barbara A.
; ; Schlesinger, Sondra
; ; Dryga, Sergey A.
; ; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/415,868
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/944,465
; FILING DATE:

```

ATTORNEY/AGENT INFORMATION:  
NAME: McMASTERS, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 930049.457C4 / 1196.005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-415-868-9

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATGCC 455  
DB 15 CTAATGCCATATGCC 1

RESULT 834  
US-09-415-900-9/c  
Sequence 9, Application US/09415900  
Patent No. 6465634  
GENERAL INFORMATION:  
APPLICANT: Dubensky Jr., Thomas W.  
APPLICANT: Polo, John M.  
APPLICANT: Belli, Barbara A.  
APPLICANT: Schlesinger, Sondra  
APPLICANT: Dryga, Sergey A.  
APPLICANT: Prolov, Ilya  
TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS  
TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR  
SYNTHESIS  
NUMBER OF SEQUENCES: 125  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed Intellectual Property Law Group PLLC  
STREET: 701 Fifth Avenue, Suite 6300  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/415,900  
FILING DATE: 08-Oct-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMASTERS, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 930049.457D4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-415-900-9

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATGCC 455  
DB 15 CTAATGCCATATGCC 1

RESULT 835  
US-08-187-757D-12  
Sequence 12, Application US/08187757D  
Patent No. 6482606  
GENERAL INFORMATION:  
APPLICANT: Adams et al.  
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
FILE REFERENCE: P106  
CURRENT APPLICATION NUMBER: US/08/187,757D  
CURRENT FILING DATE: 1994-01-27  
NUMBER OF SEQ ID NOS: 33  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 12  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: hMLH1 antisense primer  
US-08-187-757D-12

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 409 TCCAGCAGGCTCTCC 423  
DB 1 TCCAGGATGCTCTCC 15

RESULT 836  
US-09-077-619-22  
Sequence 22, Application US/09077619  
Patent No. 6500614  
GENERAL INFORMATION:  
APPLICANT: ARGUELLO, Rafael  
APPLICANT: AVAKIAN, Hovanes  
APPLICANT: MADRIGAL, Alejandro  
TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE  
FILE REFERENCE: 028979/0104  
CURRENT APPLICATION NUMBER: US/09/077,619  
CURRENT FILING DATE: 2000-03-31  
PRIOR APPLICATION NUMBER: PCT/GB96/02959  
PRIOR FILING DATE: 1996-11-29  
PRIOR APPLICATION NUMBER: GB 9524381.2  
PRIOR FILING DATE: 1995-11-29  
NUMBER OF SEQ ID NOS: 46  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 22  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-077-619-22

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 836 TGGTACCAGAACACA 850  
DB 3 TGGACCGGAACACA 17

RESULT 837  
US-09-086-663A-31  
Sequence 31, Application US/09086663A  
Patent No. 6518063  
GENERAL INFORMATION:

```

; APPLICANT: DUCY, PATRICIA
; APPLICANT: KARSENTY, GERARD
; TITLE OF INVENTION: OSP2/CBFA1 COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: UTSC:525
; CURRENT APPLICATION NUMBER: US/09/086,663A
; CURRENT FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 60/080,189
; PRIOR FILING DATE: 1998-03-24
; PRIOR APPLICATION NUMBER: 60/048,430
; PRIOR FILING DATE: 1997-05-29
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-086-663A-31

```

```

Query Match      1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 445 ACCGAGTCCCTCC 459
    |||||
DB 4 ACCGAGTCCCTCC 18

```

```

RESULT 838
US-09-422-978-7128/C
; Sequence 7128, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7128
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-24470 for SEQ 3194,
US-09-422-978-7128

```

```

Query Match      1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY 650 ACCGAGTGTCTCAT 664
    |||||
DB 17 ACCGTGTGTTCTAAT 3

```

```

RESULT 839
US-09-422-978-9707
; Sequence 9707, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:

```

```

; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9707
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-6804 for SEQ 1842, in complemer
US-09-422-978-9707

```

```

Query Match      1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 272 CTTCAAGAGTTGTT 286
    |||||
DB 3 CTTCAAGAGTTGTT 17

```

```

RESULT 840
US-09-422-978-11502
; Sequence 11502, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11502
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-8232 for SEQ 3637, in complemer:
US-09-422-978-11502

```

```

Query Match      1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

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QY 267 AGCACCTTCAGAAAG 281
    |||||
DB 1 AGCACCTTCAGAAAG 15

```

```

RESULT 841
US-09-371-772B-2217

```

```
; Sequence 2217, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2217
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2217

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 60.0%; Pred. No. 6.2e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTGAAG 254
Db 3 GCUCAGAUUUUGAG 17

RESULT 842
US-09-371-772B-2985/c
; Sequence 2985, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2985
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2985

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 ATTTCAGGAGCTGCG 733
Db 18 ATATCAGGAGCTGGG 4

RESULT 843
US-09-507-362-9/c
; Sequence 9, Application US/09507362
; Patent No. 6592874
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frollov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,362
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457D6 /1196.011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-507-362-9

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATGCC 455
Db 15 CTAATGCCATATGCC 1

RESULT 844
US-09-322-357-34/c
; Sequence 34, Application US/09322357
; Patent No. 6593104
; GENERAL INFORMATION:
; APPLICANT: STONE, EDWIN M.
; APPLICANT: SHEFFIELD, VAL C.
; TITLE OF INVENTION: MACULAR DEGENERATION DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: UIA-018.03
; CURRENT APPLICATION NUMBER: US/09/322,357
; CURRENT FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-322-357-34
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Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 638 CCGTCCCTGCAACC 652  
Db 18 CAGCTCACTGCAACC 4

## RESULT 845

US-08-465-679-14  
; Sequence 14, Application US/08465679  
; Patent No. 6610477  
; GENERAL INFORMATION:  
; APPLICANT: Haseltine et al.  
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
; FILE REFERENCE: PF106P4  
; CURRENT APPLICATION NUMBER: US/08/465,679  
; CURRENT FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: 08/294,312  
; PRIOR FILING DATE: 1994-08-23  
; PRIOR APPLICATION NUMBER: 08/210,143  
; PRIOR FILING DATE: 1994-03-16  
; PRIOR APPLICATION NUMBER: 08/187,757  
; PRIOR FILING DATE: 1994-01-27  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 14  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: hMLH1 antisense primer  
US-08-465-679-14

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 409 TCCAGCAGGCTCTCC 423  
Db 1 TCCAGGATGCTCTCC 15

## RESULT 846

US-08-210-143C-12  
; Sequence 12, Application US/08210143C  
; Patent No. 6620619  
; GENERAL INFORMATION:  
; APPLICANT: Haseltine et al.  
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
; FILE REFERENCE: PF106P1  
; CURRENT APPLICATION NUMBER: US/08/210,143C  
; CURRENT FILING DATE: 1994-03-16  
; PRIOR APPLICATION NUMBER: 08/187,757  
; PRIOR FILING DATE: 1994-01-27  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 12  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: hMLH1 antisense primer  
US-08-210-143C-12

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 409 TCCAGCAGGCTCTCC 423  
|||||

Db 1 TCCAGGATGCTCTCC 15

## RESULT 847

US-09-614-748A-31  
; Sequence 31, Application US/09614748A  
; Patent No. 6660474  
; GENERAL INFORMATION:  
; APPLICANT: FELDER, ROBIN A.  
; APPLICANT: JOSE, PEDRO  
; TITLE OF INVENTION: G PROTEIN-RELATED KINASE MUTANTS IN ESSENTIAL  
; TITLE OF INVENTION: HYPERTENSION  
; FILE REFERENCE: FELDER 3.9-001 CONT  
; CURRENT APPLICATION NUMBER: US/09/614,748A  
; CURRENT FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: PCT/US99/006663  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/071,199  
; PRIOR FILING DATE: 1998-01-12  
; PRIOR APPLICATION NUMBER: 60/098,279  
; PRIOR FILING DATE: 1998-08-28  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 31  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: GRK4 allele  
US-09-614-748A-31

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 796 TGCAGGACTGACTGA 810  
Db 4 TGTAGGACTGCTGA 18  
|||||

## RESULT 848

US-09-726-774-136/c  
; Sequence 136, Application US/09726774  
; Patent No. 6677153  
; GENERAL INFORMATION:  
; APPLICANT: Iversen, Patrick L.  
; TITLE OF INVENTION: Antisense Antibacterial Method and  
; FILE REFERENCE: 0450-0032.30  
; CURRENT APPLICATION NUMBER: US/09/726,774  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 60/168,150  
; PRIOR FILING DATE: 1999-11-29  
; NUMBER OF SEQ ID NOS: 139  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 136  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense oligomer  
US-09-726-774-136

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 GGATCTGCACCGC 698  
Db 18 GGATCAGCAGCGC 4  
|||||

RESULT 849  
5171843-2  
PATENT NO. 5171843  
APPLICANT: NUSSENZWEIG, VICTOR  
TITLE OF INVENTION: IMMUNOGENIC POLYPEPTIDE AND METHOD FOR  
PURIFYING IT  
NUMBER OF SEQUENCES: 13  
CURRENT APPLICATION NUMBER: US/07/175,112  
FILING DATE: 30-MAR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 754,645  
FILING DATE: 9-JUL-1985  
APPLICATION NUMBER: 115,634  
FILING DATE: 26-OCT-1987  
APPLICATION NUMBER: 649,903  
FILING DATE: 12-SEP-1984  
SEQ ID NO: 2:  
LENGTH: 18  
5171843-2

Query Match 1.4%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 6.2e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 809 GAACCTGGTACTGT 823  
DB 2 GAACCTGGTACCGT 16

RESULT 850  
US-08-031-143B-58  
Sequence 58, Application US/08031143B  
Patent No. 5518880  
GENERAL INFORMATION:  
APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;  
APPLICANT: MCBRIDE, O. WESLEY  
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND  
TREATMENT OF XSCID  
NUMBER OF SEQUENCES: 76  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/031,143B  
FILING DATE: 12-MAR-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: WILLIAM S. FEILER  
REGISTRATION NUMBER: 26,728  
REFERENCE/DOCKET NUMBER: 2026-4061  
TELEPHONE: 212-758-4800  
TELEFAX: 212-751-6849  
TELEX: 421792  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: OLIGONUCLEOTIDE  
DESCRIPTION: NO  
HYPOTHETICAL: NO

ANTI-SENSE: YES  
ORIGINAL SOURCE:  
ORGANISM: HUMAN  
INDIVIDUAL ISOLATE: IL-2R  
US-08-031-143B-58

Query Match 1.4%; Score 11.8; DB 1; Length 19;  
Best Local Similarity 86.7%; Pred. No. 6.7e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 382 TCCTGCTGGCGGCA 396  
DB 1 TCCTGCTGGCGGCA 15

RESULT 851  
PCT-US94-02891-58  
Sequence 58, Application PC/TUS9402891  
GENERAL INFORMATION:  
APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS  
APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN  
APPLICANT: SERVICES  
APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL  
APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA  
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF  
XSCID  
NUMBER OF SEQUENCES: 69  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/02891  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/031,143  
FILING DATE: 12-MAR-1993  
APPLICATION NUMBER: 08/121,435  
FILING DATE: 14-SEPT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: WILLIAM S. FEILER  
REGISTRATION NUMBER: 26,728  
REFERENCE/DOCKET NUMBER: 2026-4061  
TELEPHONE: 212-758-4800  
TELEFAX: 212-751-6849  
TELEX: 421792  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: OLIGONUCLEOTIDE  
DESCRIPTION: NO  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
ORIGINAL SOURCE:  
ORGANISM: HUMAN  
INDIVIDUAL ISOLATE: IL-2R  
PCT-US94-02891-58

Query Match 1.4%; Score 11.8; DB 1; Length 19;  
Best Local Similarity 86.7%; Pred. No. 6.7e+02;



```
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 382 TCTCTCTGGCGGCA 396
    |||||
Db 1 TCTCTCTGGCGGCA 15

RESULT 852
US-07-994-133-17/c
; Sequence 17, Application US/07994133
; Patent No. 5436392
; GENERAL INFORMATION:
; APPLICANT: Thomas, John C.
; APPLICANT: Bohner, Hans J.
; APPLICANT: Kanost, Michael R.
; TITLE OF INVENTION: TRANSGENIC PLANTS EXPRESSING M. SEXTA
; TITLE OF INVENTION: PROTEASE INHIBITOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee and Winner
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: CO
; COUNTRY: USA
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/994,133
; FILING DATE: 19921221
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenlee, Lorance L.
; REGISTRATION NUMBER: 27,894
; REFERENCE/DOCKET NUMBER: 48-92
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303/499-8080
; TELEFAX: 303/499-8089
; TELEX: 823189
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-994-133-17

Query Match 1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. NO. 7.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 720 TTTCAGGAGCTCGG 734
    |||||
Db 19 TTTCAGGAGCTGAGG 5

RESULT 853
US-07-270-140A-21
; Sequence 21, Application US/09270140A
; Patent No. 6361941
; GENERAL INFORMATION:
; APPLICANT: Todd, Allison
; APPLICANT: Fuery, Caroline
; APPLICANT: Cairns, Murray
; TITLE OF INVENTION: Catalytic Nucleic Acid base Diagnostic Methods
; FILE REFERENCE: J&J1799
; CURRENT APPLICATION NUMBER: US/09/270,140A
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 60/079,651
```

```
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:mutant RNA (Cto
; OTHER INFORMATION: a, G or U)
US-09-270-140A-21
```

```
Query Match 1.4%; Score 11.6; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. NO. 5e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 771 CTCGAGAGAGCTG 784
    |:|||||
Db 2 CUGGADAAGAAGAG 15
```

```
RESULT 854
US-09-404-296B-12
; Sequence 12, Application US/09404296B
; Patent No. 6559358
; GENERAL INFORMATION:
; APPLICANT: MURRAY, James Augustus Henry
; TITLE OF INVENTION: PLANTS WITH MODIFIED GROWTH
; FILE REFERENCE: 2121-0151P
; CURRENT APPLICATION NUMBER: US/09/404,296B
; CURRENT FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic degenerate oligonucleotide corresponding to the
; OTHER INFORMATION: sequences encoding conserved amino acid sequences within the
; OTHER INFORMATION: cyclin box for PCR amplification of a D1 type cyclin.
US-09-404-296B-12
```

```
Query Match 1.4%; Score 11.6; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. NO. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 744 GCCTTGCTCTTAAGG 759
    |||||
Db 1 GCMTGGATCTYAAGG 16
```

```
RESULT 855
US-09-676-610B-155
; Sequence 155, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-155
```

Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 8e+02; 4; Indels 0; Gaps 0;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 204 CTGGGTTCCAGCCCTCT 221  
 DB 2 CGGGGTTCAATCACT 19

## RESULT 856

US-09-844-497-4/c  
 ; Sequence 4, Application US/09844497  
 ; Patent No. 6541251

GENERAL INFORMATION:  
 ; APPLICANT: Sarvetnick, No. 6541251a

APPLICANT: Fox, Howard  
 ; TITLE OF INVENTION: Pancreatic Progenitor 1 Gene and its

FILE REFERENCE: STEM005  
 ; CURRENT APPLICATION NUMBER: US/09/844,497

PRIOR FILING DATE: 2001-04-26  
 ; PRIOR APPLICATION NUMBER: 60/199,752

NUMBER OF SEQ ID NOS: 5  
 ; SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 4  
 ; LENGTH: 20

TYPE: DNA  
 ; ORGANISM: mus musculus

US-09-844-497-4

Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 8e+02; 4; Indels 0; Gaps 0;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 218 CTCTCAGAGTGACGGC 235  
 DB 18 CTCTCTGAAGACGGC 1

## RESULT 857

US-09-853-768-66/c

Sequence 66, Application US/09853768  
 ; Patent No. 6444466

GENERAL INFORMATION:  
 ; APPLICANT: Donna T. Ward

APPLICANT: Andrew T. Watt  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION

FILE REFERENCE: RIS-0217  
 ; CURRENT APPLICATION NUMBER: US/09/853,768

PRIOR FILING DATE: 2001-05-10  
 ; NUMBER OF SEQ ID NOS: 91

SEQ ID NO 66  
 ; LENGTH: 20

TYPE: DNA  
 ; ORGANISM: Artificial Sequence

FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide

US-09-853-768-66

Query Match 1.4%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 8e+02; 4; Indels 0; Gaps 0;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 GTGCTGAAGCTGGTACC 842  
 DB 18 GGGGCTGAAGTGTCTCC 1

## RESULT 858

US-09-866-108A-13275

Sequence 13275, Application US/09866108A  
 ; Patent No. 6686188

## GENERAL INFORMATION:

APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A

PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663

Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeonica Sequence Listing Engine  
 ; Patent No. 6686188

SEQ ID NO 13275  
 ; LENGTH: 25

TYPE: DNA  
 ; ORGANISM: Homo sapiens

US-09-866-108A-13275

Query Match 1.4%; Score 11.6; DB 1; Length 25;  
 Best Local Similarity 77.8%; Pred. No. 1.1e+03;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGCAG 416  
 DB 4 CACAGCCAGCTGGAGCAG 21

## RESULT 859

US-09-866-108A-13276

Sequence 13276, Application US/09866108A  
 ; Patent No. 6686188

GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25

PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

```
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 13276
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-13276

Query Match      1.4%; Score 11.6; DB 1; Length 25;
Best Local Similarity 77.8%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGCAG 416
DB 3 CACAGCCAGCTGGAGCAG 20

RESULT 860
US-09-866-108A-13277
/ Sequence 13277, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Shaaron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
```

```
/ SEQ ID NO 13277
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-13277

Query Match      1.4%; Score 11.6; DB 1; Length 25;
Best Local Similarity 77.8%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGCAG 416
DB 2 CACAGCCAGCTGGAGCAG 19

RESULT 861
US-08-559-508-6/c
/ Sequence 6, Application US/08559508
/ Patent No. 5641633
/ GENERAL INFORMATION:
/ APPLICANT: Linn, Carl P.
/ APPLICANT: Walker, George T.
/ APPLICANT: Spears, Patricia A.
/ TITLE OF INVENTION: FLUORESCENCE POLARIZATION DETECTION OF
/ TITLE OF INVENTION: NUCLEIC ACIDS
/ NUMBER OF SEQUENCES: 6
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Richard J. Rodrick, Becton Dickinson and
/ ADDRESSEE: Company
/ STREET: 1 Becton Drive
/ CITY: Franklin Lakes
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07417
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/559,508
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fugit, Donna R.
/ REGISTRATION NUMBER: 32,135
/ REFERENCE/DOCKET NUMBER: P-3555
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 13 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
US-08-559-508-6

Query Match      1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 598 GTTGGCGGTGGA 610
DB 13 GTTGGCGGTGGA 1

RESULT 862
US-07-936-421-9
/ Sequence 9, Application US/07936421
/ Patent No. 5750390
/ GENERAL INFORMATION:
/ APPLICANT: James D. Thompson
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: METHOD AND REAGENT FOR
```

```

; TITLE OF INVENTION: TREATMENT OF DISEASES CAUSED
; TITLE OF INVENTION: BY EXPRESSION OF THE BCL-2
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/936,421
; FILING DATE: 19920826
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/243
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-936-421-9

```

none

```

Query Match 1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 4.3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 424 GGCTGCCCTGC 436
Db 1 GGCUGCCCGGC 13

```

```

RESULT 863
US-08-559-010-5/c
; Sequence 5, Application US/08559010
; Patent No. 5800989
; GENERAL INFORMATION:
; APPLICANT: Linn, Carl P.
; APPLICANT: Walker, George T.
; APPLICANT: Spears, Patricia A.
; TITLE OF INVENTION: FLUORESCENCE POLARIZATION DETECTION OF
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard J. Rodrick, Becton Dickinson and
; ADDRESSEE: Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: US
; ZIP: 07417
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

```

```

; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/559,010
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3473
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-559-010-5

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 598 GGTGCGGGTGA 610
Db 13 GTTGGGGTGA 1

```

```

RESULT 864
US-08-983-041-2
; Sequence 2, Application US/08983041A
; Patent No. 6114155
; GENERAL INFORMATION:
; APPLICANT: Statens Institutt for Folkehelse
; TITLE OF INVENTION: Internal Control and Method for Surveillance of GAP-LCR
; FILE REFERENCE: 23506 examples 3a-3c
; CURRENT APPLICATION NUMBER: US/08/983,041A
; CURRENT FILING DATE: 1998-01-15
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Hepatitis B virus
; FEATURE:
; US-08-983-041-2

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 616 CCATCTCAACCAG 628
Db 1 CCATCTGAACCAG 13

```

```

RESULT 865
US-08-983-041-10
; Sequence 10, Application US/08983041A
; Patent No. 6114155
; GENERAL INFORMATION:
; APPLICANT: Statens Institutt for Folkehelse
; TITLE OF INVENTION: Internal Control and Method for Surveillance of GAP-LCR
; FILE REFERENCE: 23506 examples 3a-3c
; CURRENT APPLICATION NUMBER: US/08/983,041A
; CURRENT FILING DATE: 1998-01-15
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Hepatitis B virus
; FEATURE:

```

US-08-983-041-10

Query Match 1.4%; Score 11.4; DB 1; Length 13;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 616 CCATCTCAACCAG 628  
Db 1 CCATCTGAACCAG 13

RESULT 866

US-08-983-041-18

; Sequence 18, Application US/08983041A  
; Patent No. 6114155  
; GENERAL INFORMATION:  
; APPLICANT: Statens Institut for Folkehelsete  
; TITLE OF INVENTION: Internal Control and Method for Surveillance of GAP-LCR  
; FILE REFERENCE: 23506 examples 3a-3c  
; CURRENT APPLICATION NUMBER: US/08/983,041A  
; CURRENT FILING DATE: 1998-01-15  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 18  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Hepatitis B virus  
; FEATURE:

US-08-983-041-18

Query Match 1.4%; Score 11.4; DB 1; Length 13;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 616 CCATCTCAACCAG 628  
Db 1 CCATCTGAACCAG 13

RESULT 867

US-09-358-972-106/c

; Sequence 106, Application US/09358972  
; Patent No. 6235480  
; GENERAL INFORMATION:  
; APPLICANT: Shultz, John W  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Leippe, Donna  
; APPLICANT: Mandrekar, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B.  
; APPLICANT: Andrews, Christine A.  
; APPLICANT: Hartnett, James R.  
; APPLICANT: Gu, Trent  
; APPLICANT: Olson, Ryan J.  
; APPLICANT: Wood, Keith W.  
; APPLICANT: Welch, Roy  
; TITLE OF INVENTION: Nucleic Acid Detection  
; CURRENT APPLICATION NUMBER: US/09/358,972  
; CURRENT FILING DATE: 1999-07-22  
; EARLIER APPLICATION NUMBER: 09/252,436  
; EARLIER FILING DATE: 1999-02-18  
; EARLIER APPLICATION NUMBER: 09/042,287  
; EARLIER FILING DATE: 1998-03-13  
; NUMBER OF SEQ ID NOS: 290  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 106  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:

US-09-358-972-106

probe for human prothrombin gene

US-09-406-064-87/c

Query Match 1.4%; Score 11.4; DB 1; Length 13;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 173 CGCTGACAGTCAC 185  
Db 13 CGCTGAGAGTCAC 1

RESULT 868

US-09-406-064-87/c

; Sequence 87, Application US/09406064  
; Patent No. 6270973  
; GENERAL INFORMATION:  
; APPLICANT: Shultz, John W  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Leippe, Donna  
; APPLICANT: Mandrekar, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B.  
; APPLICANT: Andrews, Christine A.  
; APPLICANT: Hartnett, James R.  
; APPLICANT: Gu, Trent  
; APPLICANT: Wood, Keith V.  
; APPLICANT: Welch, Roy  
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION  
; FILE REFERENCE: PRO-107.0 (6868/75532)  
; CURRENT APPLICATION NUMBER: US/09/406,064  
; CURRENT FILING DATE: 1999-09-27  
; EARLIER APPLICATION NUMBER: 09/358,972  
; EARLIER FILING DATE: 1999-07-21  
; EARLIER APPLICATION NUMBER: 09/252,436  
; EARLIER FILING DATE: 1999-02-18  
; EARLIER APPLICATION NUMBER: 09/042,287  
; EARLIER FILING DATE: 1998-03-13  
; NUMBER OF SEQ ID NOS: 99  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 87  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:

US-09-406-064-87

Query Match 1.4%; Score 11.4; DB 1; Length 13;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 173 CGCTGACAGTCAC 185  
Db 13 CGCTGAGAGTCAC 1

RESULT 869

US-09-406-065-28/c

; Sequence 28, Application US/09406065  
; Patent No. 6312902  
; GENERAL INFORMATION:  
; APPLICANT: Shultz, John W  
; APPLICANT: Lewis, Martin K.  
; APPLICANT: Leippe, Donna  
; APPLICANT: Mandrekar, Michelle  
; APPLICANT: Kephart, Daniel  
; APPLICANT: Rhodes, Richard B.  
; APPLICANT: Andrews, Christine A.  
; APPLICANT: Hartnett, James R.  
; APPLICANT: Gu, Trent  
; APPLICANT: Olson, Ryan J.  
; APPLICANT: Welch, Roy  
; TITLE OF INVENTION: Improved Nucleic Acid Detection  
; FILE REFERENCE: Improved Nucleic Acid Detection  
; CURRENT APPLICATION NUMBER: US/09/406,065  
; CURRENT FILING DATE: 1999-09-27

; EARLIER APPLICATION NUMBER: 09/358,972  
 ; EARLIER FILING DATE: 1999-07-21  
 ; EARLIER APPLICATION NUMBER: 09/252,436  
 ; EARLIER FILING DATE: 1999-02-18  
 ; EARLIER APPLICATION NUMBER: 09/042,287  
 ; EARLIER FILING DATE: 1998-03-13  
 ; NUMBER OF SEQ ID NOS: 81  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 28  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-406-065-28

Query Match 1.4%; Score 11.4; DB 1; Length 13;  
 Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 173 CGCTGACAGTCAC 185  
 Db 13 CGCTGAGAGTCAC 1

RESULT 870  
 US-08-974-738-6/c  
 ; Sequence 6, Application US/08974738  
 ; Patent No. 6379929  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Burns, Mark A.  
 ; APPLICANT: Burke, David T.  
 ; APPLICANT: Johnson, Brian N.  
 ; APPLICANT: DeNuzzio, John D.  
 ; TITLE OF INVENTION: CHIP-BASED ISOTHERMAL AMPLIFICATION  
 ; TITLE OF INVENTION: DEVICES AND METHODS  
 ; NUMBER OF SEQUENCES: 6  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Arnold, White & Durkee  
 ; STREET: P.O. Box 4433  
 ; CITY: Houston  
 ; STATE: Texas  
 ; COUNTRY: USA  
 ; ZIP: 77210

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/974,738  
 ; FILING DATE: Concurrently Herewith  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 60/031590  
 ; FILING DATE: 20-NOV-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Hibler, David W.  
 ; REGISTRATION NUMBER: 41,071  
 ; REFERENCE/DOCKET NUMBER: UMC:023  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 512/418-3000  
 ; TELEFAX: 512/474-7577  
 ; INFORMATION FOR SEQ ID NO: 6:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 13 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 US-08-974-738-6

Query Match 1.4%; Score 11.4; DB 1; Length 13;  
 Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 598 GGTGGCGGGTGA 610  
 Db 13 GTTGGCGGGTGA 1  
 RESULT 871  
 US-09-788-847-87/c  
 ; Sequence 87, Application US/09788847  
 ; Patent No. 6653078  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shultz, John W.  
 ; APPLICANT: Lewis, Martin K.  
 ; APPLICANT: Leippe, Donna  
 ; APPLICANT: Mandrekar, Michelle  
 ; APPLICANT: Kephart, Daniel  
 ; APPLICANT: Rhodes, Richard B.  
 ; APPLICANT: Andrews, Christine A.  
 ; APPLICANT: Hartnett, James R.  
 ; APPLICANT: Gu, Trent  
 ; APPLICANT: Wood, Keith V.  
 ; APPLICANT: Welch, Roy  
 ; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION  
 ; FILE REFERENCE: PRO-107.0 (6868/75532)  
 ; CURRENT APPLICATION NUMBER: US/09/788,847  
 ; CURRENT FILING DATE: 2001-02-20  
 ; PRIOR APPLICATION NUMBER: 09/406,064  
 ; PRIOR FILING DATE: 1999-09-27  
 ; PRIOR APPLICATION NUMBER: 09/252,436  
 ; PRIOR FILING DATE: 1999-02-18  
 ; PRIOR APPLICATION NUMBER: 09/042,287  
 ; PRIOR FILING DATE: 1998-03-13  
 ; NUMBER OF SEQ ID NOS: 99  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 87  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-788-847-87

Query Match 1.4%; Score 11.4; DB 1; Length 13;  
 Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 173 CGCTGACAGTCAC 185  
 Db 13 CGCTGAGAGTCAC 1

RESULT 872  
 US-08-374-155A-25/c  
 ; Sequence 25, Application US/08374155A  
 ; Patent No. 5786140  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mattes, Ralf  
 ; APPLICANT: Klein, Kathrin  
 ; APPLICANT: Schiweck, Hubert  
 ; APPLICANT: Kunz, Markwart  
 ; APPLICANT: Munir, Mohammed  
 ; TITLE OF INVENTION: Preparation of Acariogenic Sugar  
 ; TITLE OF INVENTION: Substitutes  
 ; NUMBER OF SEQUENCES: 26  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 ; ADDRESSEE: Dunner  
 ; STREET: 1300 I Street, N.W.  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: USA  
 ; ZIP: 20005-3315  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/374,155A  
FILING DATE: 18-JAN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Forman, David S  
REGISTRATION NUMBER: 33,694  
REFERENCE/DOCKET NUMBER: 05638.0006-00000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 408-4000  
TELEFAX: (202) 408-4400  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-374-155A-25

Query Match 1.4%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 69.2%; Pred. No. 4.9e+02;  
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 709 CCATAGCCAAAT 721  
DB 14 CORTACCCAAAT 2

RESULT 873  
US-08-485-689-81/c  
Sequence 81, Application US/08485689  
Patent No. 5856188  
GENERAL INFORMATION:  
APPLICANT: Hampel, Arnold E.  
APPLICANT: Tritz, Richard H.  
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States Of America  
ZIP: 10036

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/485,689  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 43863-CLX/JPW/KJP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-278-0400  
TELEFAX: 212-278-0526  
INFORMATION FOR SEQ ID NO: 81:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
US-08-485-689-81

Query Match 1.4%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 4.9e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 951 CAACAGCTGGGCA 963  
DB 13 CAACAGATGGCA 1

RESULT 874  
US-08-476-021A-81/c  
Sequence 81, Application US/08476021A  
Patent No. 5858785  
GENERAL INFORMATION:  
APPLICANT: Hampel, Arnold E.  
APPLICANT: Tritz, Richard H.  
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States Of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/476,021A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 43863-DZ/JPW/KJP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-278-0400  
TELEFAX: 212-278-0526  
INFORMATION FOR SEQ ID NO: 81:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
US-08-476-021A-81

Query Match 1.4%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 951 CAACAGCTGGGCA 963  
DB 13 CAACAGATGGCA 1

RESULT 875  
US-08-765-176-5  
Sequence 5, Application US/08765176  
Patent No. 5863772  
GENERAL INFORMATION:  
APPLICANT: KAWATA, MOTOSHIGE  
TITLE OF INVENTION: METHOD OF INDIVIDUAL DISCRIMINATION BY  
TITLE OF INVENTION: POLYMERASE CHAIN REACTION USING MI PRIMER  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
ADDRESSEE: P.C.  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA

ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765,176  
FILING DATE: 13-JAN-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP96/01246  
FILING DATE: 05-DEC-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 7-138543  
FILING DATE: 12-MAY-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 8055-001-0 PCT  
TELEPHONE: 713-413-3000  
TELEFAX: 713-413-2220  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "PRIMER"  
US-08-765-176-5

Query Match 1.4%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 604 GGGTGACGCTGGC 616  
DB 2 GGGTGACGCGGC 14

RESULT 876  
US-08-478-608B-81/c  
Sequence 81, Application US/08478608B  
Patent No. 5869339  
GENERAL INFORMATION:  
APPLICANT: Hampel, Arnold E.  
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,608B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 43863-C12/JPW/KJP  
TELEPHONE: 212-278-0400

TELEFAX: 212-278-0526  
INFORMATION FOR SEQ ID NO: 81:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
US-08-478-608B-81

Query Match 1.4%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 951 CAACAGCTGGCA 963  
DB 13 CAACAGATGGCA 1

RESULT 877  
US-08-785-396-25/c  
Sequence 25, Application US/08785396  
Patent No. 5985622  
GENERAL INFORMATION:  
APPLICANT: Mattes, Ralf  
APPLICANT: Klein, Kathrin  
APPLICANT: Schiweck, Hubert  
APPLICANT: Kunz, Markwart  
APPLICANT: Munir, Mohammed  
TITLE OF INVENTION: Preparation of Acariogenic Sugar  
TITLE OF INVENTION: Substitutes  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
ADDRESSEE: Dunner  
STREET: 1300 I Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/785,396  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/374,155  
FILING DATE: 18-JAN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Forman, David S.  
REGISTRATION NUMBER: 33,694  
REFERENCE/DOCKET NUMBER: 05638.0006-00000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 408-4000  
TELEFAX: (202) 408-4400  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-785-396-25

Query Match 1.4%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 69.2%; Pred. No. 4.9e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 709 CCATAGCCAAATT 721



Db 14 CCKTARCCRAAYT 2  
RESULT 878  
US-08-985-162-1819  
; Sequence 1819, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FASTSEQ for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1819:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-985-162-1819  
Query Match 1.4%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 76.9%; Pred. No. 4.9e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
QY 423 CGGCTGCCCCCTG 435  
Db 1 CGGCGGCGCCUG 13  
RESULT 879  
US-08-913-833-18  
; Sequence 18, Application US/08913833  
; Patent No. 6087093  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: LOUWAGIE, JOOST  
; APPLICANT: ROSSAU, RUDI  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
; NUMBER OF SEQUENCES: 164  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ARNOLD, WHITE & DURKEE  
; STREET: P.O. BOX 4433  
; CITY: HOUSTON  
; STATE: TEXAS  
; COUNTRY: USA  
; ZIP: 77210-4433  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 6.0 / ASCII text output  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/913,833  
; FILING DATE: 15 Sep 1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/EP97/00211  
; FILING DATE: 17 Jan 1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 96870005.4  
; FILING DATE: 26 Jan 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 96870001.5  
; FILING DATE: 25 Jun 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KAMMERER, PATRICIA A.  
; REGISTRATION NUMBER: 29,775  
; REFERENCE/DOCKET NUMBER: INNS:008  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-913-833-18  
Query Match 1.4%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 767 AGAAGTGGAGAG 779  
Db 1 AGAAGTGGAGAG 13  
RESULT 880  
US-08-913-833-22  
; Sequence 22, Application US/08913833  
; Patent No. 6087093  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: LOUWAGIE, JOOST  
; APPLICANT: ROSSAU, RUDI  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
; NUMBER OF SEQUENCES: 164  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ARNOLD, WHITE & DURKEE  
; STREET: P.O. BOX 4433  
; CITY: HOUSTON  
; STATE: TEXAS  
; COUNTRY: USA  
; ZIP: 77210-4433  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 6.0 / ASCII text output  
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA: EP 96870005.4
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-913-833-22

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 766 CAGAACTGGAGAA 778
Db 2 CAGAACTGGAAA 14
|||||

RESULT 891
US-08-476-423A-81/C
; Sequence 81, Application US/08476423A
; Patent No. 6221561
; GENERAL INFORMATION:
; APPLICANT: Hampel, Arnold E.
; APPLICANT: Tritz, Richard H.
; TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States Of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,423A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 43863-C2/JPW/KJP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-278-0526
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA: EP 96870005.4
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: RNA (genomic)
; US-08-476-423A-81
Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 951 CAACAGCTGGCA 963
Db 13 CAACAGATGGCA 1
|||||

RESULT 882
US-09-580-794C-18
; Sequence 18, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 18
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
; US-09-580-794C-18

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 767 AGAACTGGAGAAG 779
Db 1 AGAACTGGAAAAG 13
|||||

RESULT 883
US-09-580-794C-22
; Sequence 22, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
```

NUMBER OF SEQ ID NOS: 164  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 22  
 LENGTH: 14  
 TYPE: DNA  
 ORGANISM: Artificial sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic Primer  
 US-09-580-794C-22

Query Match 1.4%; Score 11.4; DB 1; Length 14;  
 Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAA 778  
 |||||  
 DB 2 CAGAACTGGAAAA 14

RESULT 884  
 US-08-535-249-63  
 ; Sequence 63, Application US/08535249  
 ; Patent No. 6455689  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Schlingensiepen, Georg-Ferdinand  
 ; APPLICANT: Brysch, Wolfgang  
 ; APPLICANT: Schlingensiepen, Karl-Hermann  
 ; APPLICANT: Schlingensiepen, Reimar  
 ; APPLICANT: Bogdahn, Ulrich  
 ; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of  
 ; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta  
 ; NUMBER OF SEQUENCES: 137  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Jacobson, Price, Holman & Stern  
 ; STREET: 400 Seventh St. N.W.  
 ; CITY: Washington D.C.  
 ; COUNTRY: U.S.A.  
 ; ZIP: 20004  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/535,249  
 ; FILING DATE:  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: EP 93 107 089.0  
 ; FILING DATE: 30-APR-1993  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: EP 93 107 849.7  
 ; FILING DATE: 13-MAY-1993  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Player, William E.  
 ; REGISTRATION NUMBER: 31,409  
 ; REFERENCE/DOCKET NUMBER: 10577/P58418  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (202) 638-6666  
 ; TELEFAX: (202) 393-5350  
 ; TELEX: RCA 248593 IDEA UR  
 ; INFORMATION FOR SEQ ID NO: 63:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 14 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: unknown  
 ; TOPOLOGY: unknown  
 ; MOLECULE TYPE: DNA (genomic)  
 ; ANTI-SENSE: YES  
 ; US-08-535-249-63

Query Match 1.4%; Score 11.4; DB 1; Length 14;  
 Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 484 TTCTCAGGATCT 496  
 |||||  
 DB 1 TTGTCAGGATCT 13

RESULT 885  
 US-09-401-063-1819  
 ; Sequence 1819, Application US/09401063  
 ; Patent No. 6623962  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Akhtar, Saghir  
 ; APPLICANT: Fell, Patricia  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
 ; TITLE OF INVENTION: FACTOR RECEPTORS  
 ; NUMBER OF SEQUENCES: 1877  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: FastSeq for Windows 2.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/401,063  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/985,162  
 ; FILING DATE: 04 December 1997  
 ; APPLICATION NUMBER: 60/036,476  
 ; FILING DATE: 31 January 1997  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 230/107  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 1819:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 14 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-09-401-063-1819

Query Match 1.4%; Score 11.4; DB 1; Length 14;  
 Best Local Similarity 76.9%; Pred. No. 4.9e+02;  
 Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 423 CGGCTGCCCTG 435  
 |||||  
 DB 1 CGGCGCCUCCUG 13

RESULT 886  
 US-08-474-542A-37/C  
 ; Sequence 37, Application US/08474542A  
 ; Patent No. 5527898  
 ; GENERAL INFORMATION:  
 ; US-08-474-542A-37/C

```

; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impra, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-474-542A-37

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Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 168 CATCCGCTGACA 180
Db 13 CATCCGCTGACA 1

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RESULT 887
US-08-319-492B-178/C
; Sequence 178, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,492B
; FILING DATE: October 7, 1994
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 178:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-319-492B-178

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 937 TTGTTTTATGAG 949
Db 15 TTGTTTTATGAG 3

RESULT 888
US-08-247-908A-7/c
; Sequence 7, Application US/08247908A
; Patent No. 5637480
; GENERAL INFORMATION:
; APPLICANT: CELESTE, Anthony J
; APPLICANT: WOZNEY, John
; TITLE OF INVENTION: BMP-10 COMPOSITIONS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENETICS INSTITUTE, INC.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02144
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/247,908A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAZAR, Steven R.
; REGISTRATION NUMBER: 32,618
; REFERENCE/DOCKET NUMBER: GI 5206-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617 876-1170 x8260
; TELEFAX: 617 876-5851
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:

```

LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: DNA inserted into pMT2 CXM  
US-08-247-908A-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712  
|||||  
Db 14 TCGAGTGCCCAT 2

RESULT 889  
US-08-247-907A-7/c  
Sequence 7, Application US/08247907A  
Patent No. 5639638  
GENERAL INFORMATION:  
APPLICANT: KOZNEY, John  
TITLE OF INVENTION: BMP-11 COMPOSITIONS  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENETICS INSTITUTE, INC.  
STREET: 87 Cambridgepark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: USA  
ZIP: 02140

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/247,907A  
FILING DATE: May 20, 1994

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LAZAR, Steven R.  
REGISTRATION NUMBER: 32,618  
REFERENCE/DOCKET NUMBER: G15205-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617 876-1170  
TELEFAX: 617 876-5851  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE: DNA inserted into pMT2 CXM  
US-08-247-907A-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712  
|||||  
Db 14 TCGAGTGCCCAT 2

RESULT 890  
US-08-457-648-37/c  
Sequence 37, Application US/08457648

Patent No. 5639871  
GENERAL INFORMATION:  
APPLICANT: Bauer, Heidi M.  
APPLICANT: Gravitt, Patti E.  
APPLICANT: Greer, Catherine E.  
APPLICANT: Impraam, Chaka C.  
APPLICANT: Manos, M. Michele  
APPLICANT: Resnick, Robert M.  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
NUMBER OF SEQUENCES: 298  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,648

FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 9205  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-457-648-37

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 168 CATCCCGCTGACA 180  
|||||  
Db 13 CATCCCGCTGACA 1

RESULT 891  
US-08-291-932A-68/c  
Sequence 68, Application US/08291932A  
Patent No. 5658780  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: NP-KB  
NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,932A  
FILING DATE: August 15, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/157  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-291-932A-68

Two

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 246 CTCTTGAAGGACT 258  
|||  
DB 14 CTCTTGAAGGCT 2

RESULT 892  
US-08-291-932A-70/c  
Sequence 70, Application US/08291932A  
Patent No. 5658780  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: NF-KB  
NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,932A  
FILING DATE: August 15, 1994  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/157  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-291-932A-70

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 246 CTCTTGAAGGACT 258  
|||  
DB 14 CTCTTGAAGGCT 2

RESULT 893  
US-08-291-932A-71/c  
Sequence 71, Application US/08291932A  
Patent No. 5658780  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: NF-KB  
NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,932A  
FILING DATE: August 15, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327

Two

```

; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-291-932A-71

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 246 CTCCTGAAGGACT 258
Db 13 CTCCTGAAGGCT 1

RESULT 894
US-08-050-132A-5/c
; Sequence 5, Application US/08050132A
; Patent No. 5661007
; GENERAL INFORMATION:
; APPLICANT: Wozney, John M.
; APPLICANT: Celeste, Anthony
; TITLE OF INVENTION: BMP-9 COMPOSITIONS
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: Legal Affairs - 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: US
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,132A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kapinos, Ellen J.
; REGISTRATION NUMBER: 32,245
; REFERENCE/DOCKET NUMBER: GI 5186A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 876-1170
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; US-08-050-132A-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCAGAGTGCCCAT 712
Db 14 TCAGAGTGCCCAT 2

RESULT 895

```

```

US-08-271-880A-48
; Sequence 48, Application US/08271880A
; Patent No. 5693535
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowhira
; APPLICANT: James McSwiggen
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,880A
; FILING DATE: July 7, 1994
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; PRIOR APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Watburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-271-880A-48

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 832 AAGCTGGTACCAG 844
Db 1 AAGCTGAGUACCAG 13

RESULT 896
US-08-271-880A-191
; Sequence 191, Application US/08271880A
; Patent No. 5693535
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowhira
; APPLICANT: James McSwiggen
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING

```

```

/ TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
/ TITLE OF INVENTION: REPLICATION
/ NUMBER OF SEQUENCES: 232
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Suite 4700
/ STATE: Los Angeles
/ COUNTRY: California
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: Storage
/ OPERATING SYSTEM: IBM Compatible
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/271,880A
/ FILING DATE: July 7, 1994
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/103,243
/ FILING DATE: August 6, 1993
/ APPLICATION NUMBER: 07/882,886
/ FILING DATE: May 14, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 206/116
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 191:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ ORIGINAL SOURCE:
/ ORGANISM: DNA inserted into pMT2 CXM
/ US-08-271-880A-191

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Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
Qy 832 AAGCTGTTACCA 844
Db 1 AAGCUAGUACCAG 13

```

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RESULT 897
US-08-452-772-7/c
/ Sequence 7, Application US/08452772
/ Patent No. 5700911
/ GENERAL INFORMATION:
/ APPLICANT: WOZNEY, John
/ APPLICANT: CELESTE, Anthony J.
/ TITLE OF INVENTION: BMP-11 COMPOSITIONS
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: GENETICS INSTITUTE, INC.
/ STREET: 87 CambridgePark Drive
/ CITY: Cambridge
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02140
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: PatentIn Release #1.0, Version #1.25

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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/452,772
/ FILING DATE: 30-MAY-1995
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/247,907
/ FILING DATE: 20-MAY-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: LAZAR, Steven R.
/ REGISTRATION NUMBER: 32,618
/ REFERENCE/DOCKET NUMBER: G15205-CIP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617 876-1170
/ TELEFAX: 617 876-5851
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ ORIGINAL SOURCE:
/ ORGANISM: DNA inserted into pMT2 CXM
/ US-08-452-772-7

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Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 700 TCGAGCTGCCCAT 712
Db 14 TCGAGCTGCCCAT 2

```

```

RESULT 898
US-08-453-942-7/c
/ Sequence 7, Application US/08453942
/ Patent No. 5703043
/ GENERAL INFORMATION:
/ APPLICANT: CELESTE, Anthony J.
/ APPLICANT: WOZNEY, John
/ TITLE OF INVENTION: BMP-10 COMPOSITIONS
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: GENETICS INSTITUTE, INC.
/ STREET: 87 CambridgePark Drive
/ CITY: Cambridge
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02144
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/453,942
/ FILING DATE: 30-MAY-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/247,908
/ FILING DATE: 20-MAY-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: LAZAR, Steven R.
/ REGISTRATION NUMBER: 32,618
/ REFERENCE/DOCKET NUMBER: G1 5205-CIP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617 876-1170 x8260
/ TELEFAX: 617 876-5851
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: DNA inserted into pMT2 CXM
US-08-453-942-7
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCTCAT 712
Db 14 TCGAGTGCCTCAT 2

RESULT 899
US-08-363-240A-37
; Sequence 37, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-37
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 5.5e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 871 CCAACTCCATTGA 883
Db 2 CCAAGUCCAUUGA 14

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: DNA inserted into pMT2 CXM
US-08-453-942-7
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCTCAT 712
Db 14 TCGAGTGCCTCAT 2

RESULT 900
US-08-363-240A-661
; Sequence 661, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 661:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-661
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 453 GCCTTCCAGGAG 455
Db 3 GCCUCCAGGAG 15

RESULT 901
US-08-363-240A-662
; Sequence 662, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
```

TITLE OF INVENTION: OF VASCULAR DISEASES  
 NUMBER OF SEQUENCES: 1243  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 COUNTRY: California  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/363,240A  
 FILING DATE: December 23, 1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/096  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 662:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-363-240A-662

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 76.9%; Pred. No. 5.5e-02;  
 Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 453 GCCTCCAGGAG 465  
 Db 3 GCCTCCAGGAG 15

RESULT 902  
 US-08-363-240A-766/c  
 Sequence 766, Application US/08363240A  
 Patent No. 5705388  
 GENERAL INFORMATION:  
 APPLICANT: Couture, Larry  
 APPLICANT: McSwiggen, James  
 APPLICANT: Bisgaler, Charles  
 APPLICANT: Pape, Michael  
 TITLE OF INVENTION: METHOD AND REAGENT FOR  
 TITLE OF INVENTION: PREVENTION, INHIBITION OF  
 TITLE OF INVENTION: PROGRESSION AND REGRESSION  
 TITLE OF INVENTION: OF VASCULAR DISEASES  
 NUMBER OF SEQUENCES: 1243  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 COUNTRY: California  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/363,240A  
 FILING DATE: December 23, 1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/096  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 766:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-363-240A-766

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 92.3%; Pred. No. 5.5e-02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 438 AGCTAAAGCCAG 450  
 Db 14 AGCTAAAGCCAG 2

RESULT 903  
 US-08-363-240A-767/c  
 Sequence 767, Application US/08363240A  
 Patent No. 5705388  
 GENERAL INFORMATION:  
 APPLICANT: Couture, Larry  
 APPLICANT: McSwiggen, James  
 APPLICANT: Bisgaler, Charles  
 APPLICANT: Pape, Michael  
 TITLE OF INVENTION: METHOD AND REAGENT FOR  
 TITLE OF INVENTION: PREVENTION, INHIBITION OF  
 TITLE OF INVENTION: PROGRESSION AND REGRESSION  
 TITLE OF INVENTION: OF VASCULAR DISEASES  
 NUMBER OF SEQUENCES: 1243  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 COUNTRY: California  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/363,240A  
 FILING DATE: December 23, 1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/096  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600

```

; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 767:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-767

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 438 AGCTAAAGCCAG 450
Db 13 AGCTAAAGCCAG 1

RESULT 904
US-08-726-725-7/c
; Sequence 7, Application US/08726725
; Patent No. 5773290
; GENERAL INFORMATION:
; APPLICANT: Gould, Michael N.
; TITLE OF INVENTION: MAMMARY GLAND-SPECIFIC PROMOTERS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Charles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/726,725
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Baker, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 960296.93863
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5709
; TELEFAX: (414) 271-3552
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other Nucleic Acid
US-08-726-725-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 673 AGCTACAGATGG 685
Db 15 AGCTACAGATGG 3

RESULT 906
US-08-311-486C-41/c
; Sequence 41, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible

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; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-311-486C-41

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```

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e-02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 362 GTCAGAGAGCGT 374
DB 15 GGCAGAGAGCGT 3

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RESULT 907
US-08-311-486C-553/c
; Sequence 553, Application US/08311486C
; Patent No. 581300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb.
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application

```

```

; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 553:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-311-486C-553

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```

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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QY 362 GTCAGAGAGCGT 374
DB 15 GACAGAGAGCGT 3

```

```

RESULT 908
US-08-311-486C-554/c
; Sequence 554, Application US/08311486C
; Patent No. 581300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327

```

REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 554:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-554

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 362 GTCAGAGAGCGT 374  
DB 13 GACAGAGAGCGT 1

RESULT 909  
US-08-749-169A-6/C  
Sequence 6, Application US/08749169A  
Patent No. 5846770  
GENERAL INFORMATION:  
APPLICANT: RACIE, Lisa  
APPLICANT: LAVALLIE, Edward  
APPLICANT: DEROBERTIS, Edward  
TITLE OF INVENTION: CHORDIN COMPOSITIONS  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genetics Institute, Inc.  
STREET: 87 CambridgePark Drive  
CITY: Cambridge  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02140

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/749,169A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LAZAR, Steven R.  
REGISTRATION NUMBER: 32,618  
REFERENCE/DOCKET NUMBER: GI 5284  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 498-8260  
TELEFAX: (617) 876-5851  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-749-169A-6

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
DB 14 TCGAGCTGCCCAT 2

RESULT 910  
US-07-989-847-15/C  
Sequence 15, Application US/07989847  
Patent No. 5868364  
GENERAL INFORMATION:  
APPLICANT: Israel, David  
APPLICANT: Wolfman, Neil M.  
TITLE OF INVENTION: Recombinant Bone Morphogenetic Protein  
TITLE OF INVENTION: Heterodimers, Compositions and Methods of Use.  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Legal Affairs, Genetics Institute, Inc.  
STREET: 87 CambridgePark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: USA  
ZIP: 02140-2387

COMPUTER READABLE FORM:  
MEDIUM TYPE: Tape  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/989,847  
FILING DATE:  
CLASSIFICATION: 436  
ATTORNEY/AGENT INFORMATION:  
NAME: KAPINOS, Ellen J.  
REGISTRATION NUMBER: 32,245  
REFERENCE/DOCKET NUMBER: GI-5192B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-876-1170  
TELEFAX: 617-876-5851  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-989-847-15

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
DB 14 TCGAGCTGCCCAT 2

RESULT 911  
US-08-585-684B-1220  
Sequence 1220, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1220:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-1220

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 61.5%; Pred. No. 5.5e+02;  
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 376 TGCGCGTCTGCT 388  
Db 2 UGCGCUUCCUGCU 14

RESULT 912  
US-08-585-684B-1221  
Sequence 1221, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1221:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-1221

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 61.5%; Pred. No. 5.5e+02;  
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 376 TGCGCGTCTGCT 388  
Db 1 UGCGCUUCCUGCU 13

RESULT 913  
US-08-585-684B-1692/c  
Sequence 1692, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1692:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-1692

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 CCAGGAAGTGGC 482  
Db 1 UGCGCUUCCUGCU 13

Db 13 CCAGGTACTGGC 1

RESULT 914  
US-08-585-684B-1693/c  
; Sequence 1693, Application US/08585684B  
; Patent No. 5877021  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/585,684B  
; FILING DATE: January 16, 1996  
; PRIOR APPLICATION NUMBER: 60/000,951  
; FILING DATE: July 7, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/078  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1693:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-585-684B-1693

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 470 CCAGGTACTGGC 482  
Db 13 CCAGGTACTGGC 1

RESULT 915  
US-08-585-684B-2099/c  
; Sequence 2099, Application US/08585684B  
; Patent No. 5877021  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/585,684B  
; FILING DATE: January 16, 1996  
; PRIOR APPLICATION NUMBER: 60/000,951  
; FILING DATE: July 7, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/078  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2099:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-585-684B-2099

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 770 ACTGGAGAGAAG 782  
Db 15 ATTGGAGAGAAG 3

RESULT 916  
US-08-585-684B-2100/c  
; Sequence 2100, Application US/08585684B  
; Patent No. 5877021  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/585,684B  
; FILING DATE: January 16, 1996

```

;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2100

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAAG 782
Db 14 ATTGGAGAAG 2

RESULT 917
US-08-585-684B-2295/c
; Sequence 2295, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2295:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2296

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAAG 782
Db 14 ATTGGAGAAG 2

RESULT 918
US-08-585-684B-2296/c
; Sequence 2296, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2296:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2296

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAAG 782
Db 14 ATTGGAGAAG 2

RESULT 919
US-08-726-090-10/c
; Sequence 10, Application US/08726090
; Patent No. 5885775
```



GENERAL INFORMATION:  
APPLICANT: HAF, Lawrence A.  
TITLE OF INVENTION: METHODS FOR DETERMINING SEQUENCE  
TITLE OF INVENTION: INFORMATION IN POLYNUCLEOTIDES USING MASS SPECTROMETRY  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Patent Administrator, Testa Hurwitz &  
STREET: 125 High Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/726,090  
FILING DATE: 04-OCT-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: TURANO, THOMAS A.  
REGISTRATION NUMBER: 35,722  
REFERENCE/DOCKET NUMBER: SYP-123  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-726-090-10

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 387 CTGGCGGGCACAC 399  
Db 13 CTGGCGGGCAAC 1

RESULT 920  
US-08-926-885A-7/c  
Sequence 7, Application US/08926885A  
Patent No. 5932216  
GENERAL INFORMATION:  
APPLICANT: CELESTE, Anthony J  
APPLICANT: WOZNEY, John  
TITLE OF INVENTION: ANTIBODIES TO BONE MORPHOGENETIC PROTEIN (BMP-10)  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENETICS INSTITUTE, INC.  
STREET: 87 Cambridgepark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: USA  
ZIP: 02144  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/926,885A  
FILING DATE: September 10, 1997  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:

NAME: LAZAR, Steven R.  
REGISTRATION NUMBER: 32,618  
REFERENCE/DOCKET NUMBER: GI 5206-A-DIV-CON  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617 876-1170 x8260  
TELEFAX: 617 876-5851  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: DNA inserted into pMT2 CXM  
US-08-926-885A-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
Db 14 TCGAGGTGCCCAT 2

RESULT 921  
US-08-887-997B-6/c  
Sequence 6, Application US/08887997B  
Patent No. 5935852  
GENERAL INFORMATION:  
APPLICANT: FOLLETTIE, MAXIMILLIAN  
APPLICANT: DEROBERTEIS, EDWARD M.  
TITLE OF INVENTION: Mammalian Cerberus-Like Protein &  
TITLE OF INVENTION: Compositions  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genetics Institute, Inc.  
STREET: 87 Cambridgepark Drive  
CITY: Cambridge  
STATE: Massachusetts  
COUNTRY: US  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/887,997B  
FILING DATE: 03-JUL-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LAZAR, STEVEN R  
REGISTRATION NUMBER: 32,618  
REFERENCE/DOCKET NUMBER: GI 5290  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 498-8260  
TELEFAX: (617) 876-5851  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-887-997B-6

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712

```
Db      ||||| ||||| ||||| ||||| |||||
      14 TCGAGCTGCCCAT 2

RESULT 922
US-08-715-202A-8/c
; Sequence 8, Application US/08715202A
; Patent No. 5965403
; GENERAL INFORMATION:
; APPLICANT: CELESTE, ANTHONY J.
; APPLICANT: MURRAY, BETH L.
; TITLE OF INVENTION: BONE MORPHOGENETIC PROTEIN-16 (BNP-16)
; TITLE OF INVENTION: COMPOSITIONS
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENETICS INSTITUTE, INC.
; STREET: 87 CAMBRIDGE PARK DRIVE
; CITY: CAMBRIDGE
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/715,202A
; FILING DATE: September 18, 1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: LAZAR, STEVEN R
; REGISTRATION NUMBER: 32,618
; REFERENCE/DOCKET NUMBER: 5275
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8260
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-715-202A-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      700 TCGAGCTGCCCAT 712
      ||||| ||||| ||||| ||||| |||||
Db      14 TCGAGCTGCCCAT 2

RESULT 923
US-08-910-408-48
; Sequence 48, Application US/08910408
; Patent No. 5972704
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowrira
; APPLICANT: James McSwiggan
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
```

```
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,408
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,880
; FILING DATE: July 7, 1994
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-910-408-48

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      832 AAGCTGGTACCAG 844
      ||||| ||||| ||||| ||||| |||||
Db      1 AAGCAGUACCAG 13

RESULT 924
US-08-910-408-191
; Sequence 191, Application US/08910408
; Patent No. 5972704
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowrira
; APPLICANT: James McSwiggan
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
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CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/910,408  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/271,880  
; FILING DATE: July 7, 1994  
; APPLICATION NUMBER: 08/103,243  
; FILING DATE: August 6, 1993  
; APPLICATION NUMBER: 07/882,886  
; FILING DATE: May 14, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 206/116  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 191:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-910-408-191

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 76.9%; Pred. No. 5.5e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 832 AAGCTGGTACCAG 844  
| | | | |  
| | | | |  
Db 1 AAGCAGUACCAG 13

RESULT 925  
US-08-130-032A-5/c  
; Sequence 5, Application US/09130032A  
; Patent No. 5986056  
; GENERAL INFORMATION:  
; APPLICANT: LaVallie, Edward  
; APPLICANT: Racie, Lisa  
; APPLICANT: Derobertis, Edward  
; TITLE OF INVENTION: HUMAN CHORDIN COMPOSITIONS  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genetics Institute, Inc.  
; STREET: 87 CambridgePark Drive  
; CITY: Cambridge  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02140  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/130,032A  
; FILING DATE: August 4, 1998  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: LAZAR, Steven R.  
; REGISTRATION NUMBER: 32,618  
; REFERENCE/DOCKET NUMBER: GI 5284-DIV  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 498-8260  
; TELEFAX: (617) 876-5851  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single

; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-130-032A-5  
Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 700 TCGAGGTGCCCAT 712  
| | | | |  
| | | | |  
Db 14 TCGAGCTGCCCAT 2  
RESULT 926  
US-08-987-904A-5/c  
; Sequence 5, Application US/08987904A  
; Patent No. 6027917  
; GENERAL INFORMATION:  
; APPLICANT: Celeste, Anthony J.  
; APPLICANT: Murray, Beth  
; TITLE OF INVENTION: BONE MORPHOGENETIC PROTEIN (BMP) - 17 AND BMP-18  
; TITLE OF INVENTION: COMPOSITIONS  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genetics Institute, Inc.  
; STREET: 87 CambridgePark Drive  
; CITY: Cambridge  
; STATE: MA  
; COUNTRY: US  
; ZIP: 02140  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/987,904A  
; FILING DATE: 10-DEC-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: LAZAR, STEVEN R.  
; REGISTRATION NUMBER: 32,618  
; REFERENCE/DOCKET NUMBER: GI 5307  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 498-8769  
; TELEFAX: (617) 876-8581  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-987-904A-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
| | | | |  
| | | | |  
Db 14 TCGAGCTGCCCAT 2

RESULT 927  
US-08-750-222A-5/c  
; Sequence 5, Application US/08750222A  
; Patent No. 6034061  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Vicki A.  
; APPLICANT: Wozney, John M.  
; APPLICANT: Celeste, Anthony J.  
; APPLICANT: Song, Jeffrey

APPLICANT: Thies, Scott  
TITLE OF INVENTION: BMP-9 COMPOSITIONS  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genetics Institute, Inc.  
STREET: Legal Affairs - 87 CambridgePark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: US  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/750,222A  
FILING DATE: 04-DEC-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/254,353  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kapinos, Ellen J.  
REGISTRATION NUMBER: 32,245  
REFERENCE/DOCKET NUMBER: GI 5186B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 876-1170  
TELEFAX: (617) 876-5851  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
US-08-750-222A-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
Db 14 TCGAGTGCCCAT 2

RESULT 928  
US-08-815-652B-5/c  
Sequence 5, Application US/08815652B  
Patent No. 6034062  
GENERAL INFORMATION:  
APPLICANT: Wozney, John M.  
APPLICANT: Celeste, Anthony  
APPLICANT: Song, Jeffrey  
APPLICANT: Thies, R. Scott  
TITLE OF INVENTION: BMP-9 COMPOSITIONS  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genetics Institute, Inc.  
STREET: Legal Affairs - 87 CambridgePark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: US  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/815,652B  
FILING DATE:

CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Kapinos, Ellen J.  
REGISTRATION NUMBER: 32,245  
REFERENCE/DOCKET NUMBER: GI 5186D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 876-1170  
TELEFAX: (617) 876-5851  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
US-08-815-652B-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
Db 14 TCGAGTGCCCAT 2

RESULT 929  
US-08-982-987A-15/c  
Sequence 15, Application US/08982987A  
Patent No. 6034229  
GENERAL INFORMATION:  
APPLICANT: Anthony J. Celeste et al.  
TITLE OF INVENTION: BMP-15 COMPOSITIONS  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genetics Institute, Inc.  
STREET: 87 CambridgePark Drive  
CITY: Cambridge  
STATE: Massachusetts  
COUNTRY: US  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA: US/08/982,987A  
FILING DATE: DEC-02-1997  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Gyure, Barbara A.  
REGISTRATION NUMBER: 34,614  
REFERENCE/DOCKET NUMBER: GI 5256-DIV-CON  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 498-8653  
TELEFAX: (617) 876-5851  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-982-987A-15

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
Db 14 TCGAGTGCCCAT 2

```
RESULT 930
US-08-871-732A-6/c
; Sequence 6, Application US/08871732A
; Patent No. 6140074
; GENERAL INFORMATION:
; APPLICANT: O'BRIEN, TIMOTHY J.
; TITLE OF INVENTION: NOVEL SH3 PROTEIN, GENE, CHIMERIC
; TITLE OF INVENTION: CELLS, VECTORS AND EXPRESSION METHOD FOR PRODUCING THE NOVEL
; TITLE OF INVENTION: PROTEIN, ANTIBODIES AND USES
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MARTIN L. MCGREGOR
; STREET: 5380 WEST 34TH STREET, #345
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 77092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE 3.5 INCH 1.44 MB STORAGE
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/871,732A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; ATTORNEY/AGENT INFORMATION:
; NAME: MCGREGOR, MARTIN L.
; REGISTRATION NUMBER: 29,329
; REFERENCE/DOCKET NUMBER: 1-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713-682-1213
; TELEFAX: 713-682-5807
; TELEX: NONE
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 BASE PAIRS
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: OTHER NUCLEIC ACID
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-871-732A-6
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 530 TCAACGCCCTCTT 542
Db 13 TCACCCCTCTT 1

RESULT 931
US-09-059-779-4/c
; Sequence 4, Application US/09059779
; Patent No. 6153743
; GENERAL INFORMATION:
; APPLICANT: Hubbell Earl A.
; APPLICANT: Lubert Stryer
; APPLICANT: Michael P. Mittmann
; TITLE OF INVENTION: Lithographic Mask Design and
; TITLE OF INVENTION: Synthesis of Diverse Probes on a Substrate
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ritter, Van Pelt & Yi LLP
; STREET: 4906 El Camino Real, Suite 205
; CITY: Los Altos
```

```
STATE: California
COUNTRY: USA
ZIP: 94022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/059,779
FILING DATE: April 13, 1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Ritter, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFFYP015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-09-059-779-4
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 697 GCTTCGAGGTGCC 709
Db 15 GCATCGAGGTGCC 3

RESULT 932
US-09-249-215-48
; Sequence 48, Application US/09249215
; Patent No. 6159692
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; Bharat Chowrira
; James McSwiggen
; Dan T. Stinchcomb
; James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; HUMAN IMMUNODEFICIENCY VIRUS
; REPLICATION
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/249,215
; FILING DATE: 12-Feb-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/910,408
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
```

APPLICATION NUMBER: 07/882,886  
FILING DATE: May 14, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 206/116  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 48:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 48:  
US-09-249-215-48

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 76.9%; Pred. No. 5.5e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 832 AAGCTGTGTACCAG 844  
||||: |||||  
Db 1 AAGCUAGUACCAG 13

RESULT 933  
US-09-249-215-191  
Sequence 191, Application US/09249215  
Patent No. 6159692  
GENERAL INFORMATION:  
APPLICANT: Kenneth G. Draper  
Bharat Chowira  
James McSwiggen  
Dan T. Stinchcomb  
James D. Thompson  
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING  
HUMAN IMMUNODEFICIENCY VIRUS  
REPLICATION

NUMBER OF SEQUENCES: 232  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/249,215  
FILING DATE: 12-Feb-1999

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/910,408  
FILING DATE: <Unknown>  
APPLICATION NUMBER: 08/103,243  
FILING DATE: August 6, 1993  
APPLICATION NUMBER: 07/882,886  
FILING DATE: May 14, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 206/116  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 191:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 191:  
US-09-249-215-191

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 76.3%; Pred. No. 5.5e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 832 AAGCTGTGTACCAG 844  
||||: |||||  
Db 1 AAGCUAGUACCAG 13

RESULT 934  
US-08-893-654B-8/c  
Sequence 8, Application US/08893654B  
Patent No. 6165748  
GENERAL INFORMATION:  
APPLICANT: RACIE, LISA, ET ALIA  
TITLE OF INVENTION: Frazzled NUCLEOTIDE SEQUENCES.  
TITLE OF INVENTION: EXPRESSION PRODUCTS, COMPOSITIONS AND USES  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENETICS INSTITUTE, INC.  
STREET: 87 CAMBRIDGE PARK DRIVE  
CITY: CAMBRIDGE  
STATE: MA  
COUNTRY: USA  
ZIP: 02140-2387  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/893,654B  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: WEINERT, M.C.  
REGISTRATION NUMBER: 31,544  
REFERENCE/DOCKET NUMBER: GI 5279  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617.498.8574  
TELEFAX: 617.876.5851  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-893-654B-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
||||: |||||  
Db 14 TCGAGCTGCCCAT 2

RESULT 935  
US-08-469-411-15/c  
Sequence 15, Application US/08469411  
Patent No. 6190880

```

; GENERAL INFORMATION:
; APPLICANT: Israel, David
; TITLE OF INVENTION: Recombinant Bone Morphogenetic Protein
; Heterodimers, Compositions and Methods of Use.
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Legal Affairs, Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140-2387
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Tape
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,411
; FILING DATE: 06-Jun-1995
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Kapinos, Ellen J.
; REGISTRATION NUMBER: 32,245
; REFERENCE/DOCKET NUMBER: GI-5192B-CON
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-498-8622
; TELEFAX: 617-876-5851
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-469-411-15

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 700 TCGAGGTGCCCAT 712
Db 14 TCGAGGTGCCCAT 2

RESULT 936
US-09-038-073-1220
; Sequence 1220, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1221:

```

```

; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1220:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-1220

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 5.5e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 376 TGGCGTCTCTGCT 388
Db 2 UGGCCUCCUGCU 14

RESULT 937
US-09-038-073-1221
; Sequence 1221, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1221:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-1221

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 5.5e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 376 TGGCGCTCTGCT 388
Db 1 UGGCCUCCUGCU 13

RESULT 938
US-09-038-073-1692/c
; Sequence 1692, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1693:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-1693

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 CCAGGAAGTGGC 482
Db 13 CCAGGTACTGGC 1

RESULT 940
US-09-038-073-2099/c
; Sequence 2099, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1692:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-1692

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 CCAGGAAGTGGC 482
Db 13 CCAGGTACTGGC 1
```



```

; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2099:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2099

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAAG 782
DB 15 ATTGGAGAGAAG 3

RESULT 941
US-09-038-073-2100/c
; Sequence 2100, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2295:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2295

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAAG 782
DB 14 ATTGGAGAGAAG 2

RESULT 942
US-09-038-073-2295/c
; Sequence 2295, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2295:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2295
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Query Match 1.4%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAAG 782  
 Db 15 ATTGGAGAAG 3

## RESULT 943

US-09-038-073-2296/c  
 ; Sequence 2296, Application US/09038073

; Patent No. 6194150

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; NUMBER OF SEQUENCES: 2751

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 MB

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FASTSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/038,073

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585,684

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/078

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2296:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-038-073-2296

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAAG 782  
 Db 14 ATTGGAGAAG 2

## RESULT 944

US-09-393-554-23

; Sequence 23, Application US/09393554

; Patent No. 6210897

; GENERAL INFORMATION:

; APPLICANT: Andersson, Leif

; APPLICANT: Kijas, James

; APPLICANT: Gafvert, Sophie  
 ; APPLICANT: Wigh-Trowaldh, Gunilla  
 ; APPLICANT: Hedhammar, Ake  
 ; TITLE OF INVENTION: IDENTIFICATION OF CANINE LEUKOCYTE ADHESION DEFICIENCY  
 ; TITLE OF INVENTION: IN DOGS  
 ; FILE REFERENCE: 201515/1001  
 ; CURRENT APPLICATION NUMBER: US/09/393,554  
 ; CURRENT FILING DATE: 1999-09-10  
 ; EARLIER APPLICATION NUMBER: 60/136,099  
 ; EARLIER FILING DATE: 1999-05-26  
 ; NUMBER OF SEQ ID NOS: 23  
 ; SOFTWARE: Patent In Ver. 2.0  
 ; SEQ ID NO 23  
 ; LENGTH: 15  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Probe  
 ; OTHER INFORMATION: OLA-common  
 US-09-393-554-23

Query Match 1.4%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 5.5e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 293 TGTAGTCGGGCC 305  
 Db 3 TGGAGTCGGGCC 15

## RESULT 945

US-09-346-510B-6/c

; Sequence 6, Application US/09346510B

; Patent No. 6281014

; GENERAL INFORMATION:

; APPLICANT: O'Brien, Timothy J.

; TITLE OF INVENTION: SH3-Containing Protein, DNA and Uses Thereof

; FILE REFERENCE: D6221CIP

; CURRENT APPLICATION NUMBER: US/09/346,510B

; CURRENT FILING DATE: 1999-07-01

; PRIOR APPLICATION NUMBER: 08/871,732

; PRIOR FILING DATE: 1997-06-09

; NUMBER OF SEQ ID NOS: 32

; SEQ ID NO 6

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: nucleotide sequence of clone 13 isolated using the

; OTHER INFORMATION: Casting approach

US-09-346-510B-6

Query Match 1.4%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 5.5e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 530 TCACGCCCTCTT 542  
 Db 13 TCACGCCCTCTT 1

## RESULT 946

US-08-254-353A-5/c

; Sequence 5, Application US/08254353A

; Patent No. 6287616

; GENERAL INFORMATION:

; APPLICANT: Rosen, Vicki A.

; APPLICANT: Wozney, John M.

; APPLICANT: Celeste, Anthony J.

; APPLICANT: Song, Jeffrey

; APPLICANT: Thies, Scott

; TITLE OF INVENTION: EXP-9 COMPOSITIONS

NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genetics Institute, Inc.  
STREET: Legal Affairs - 87 CambridgePark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: US  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/254,353A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kapinos, Ellen J.  
REGISTRATION NUMBER: 32,245  
REFERENCE/DOCKET NUMBER: GI 5186B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 876-1170  
TELEFAX: (617) 876-5851  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
US-08-254-353A-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
Db 14 TCGAGTGGCCAT 2

RESULT 947  
US-09-328-775-8/c  
Sequence 8, Application US/09328775  
Patent No. 6331612  
GENERAL INFORMATION:  
APPLICANT: CELESTE, ANTHONY J.  
ADDRESSEE: MURRAY, BETH L.  
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING BONE MORPHOGENETIC  
PROTEIN-16  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENETICS INSTITUTE, INC.  
STREET: 87 CAMBRIDGE PARK DRIVE  
CITY: CAMBRIDGE  
STATE: MA  
COUNTRY: USA  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/328,775  
FILING DATE: June 9, 1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: LAZAR, STEVEN R  
REGISTRATION NUMBER: 32,618  
REFERENCE/DOCKET NUMBER: GI 5275-DIV  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 665-8260  
TELEFAX: (617) 876-5851  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-328-775-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
Db 14 TCGAGTGGCCAT 2

RESULT 948  
US-09-414-234-7/c  
Sequence 7, Application US/09414234  
Patent No. 6340668  
GENERAL INFORMATION:  
APPLICANT: WOZNEY, John  
CELESTE, Anthony J.  
THIES, R. Scott  
TITLE OF INVENTION: BMP-11 COMPOSITIONS  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENETICS INSTITUTE, INC.  
STREET: 87 CambridgePark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: USA  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/414,234  
FILING DATE: 07-Oct-1999  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: MEINERT, M.C.  
REGISTRATION NUMBER: 31,544  
REFERENCE/DOCKET NUMBER: GI5205-B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617 876-1170  
TELEFAX: 617 876-5851  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: DNA inserted into pMT2 CXM  
SEQUENCE DESCRIPTION: SEQ ID NO: 7;  
US-09-414-234-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712  
Db 14 TCGAGTGGCCAT 2

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;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA: US/09/438,623A
; APPLICATION NUMBER: 92.3%
; FILING DATE: 12-NO. 6492493-1999
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/997,904
; FILING DATE: 10-DEC-1997
;
; ATTORNEY/AGENT INFORMATION:
; NAME: LAZAR, STEVEN R
; REGISTRATION NUMBER: 32,618
; REFERENCE/DOCKET NUMBER: GI 5307
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8769
; TELEFAX: (617) 876-8581
;
; INFORMATION FOR SEQ ID NO. 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-438-623A-5
Query Match 1.4% Score 11.4; DB 1; Length
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
QY 700 TCGAGGTGCCCAT 712
Db 14 TCGAGCTGCCCAT 2

RESULT 951
US-09-867-915-8
; Sequence 8, Application US/09867915
; Patent No. 6521747
; GENERAL INFORMATION:
; APPLICANT: Genalissance Pharmaceuticals, Inc.
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Finkel, Kevin
; APPLICANT: Koshy, Beena
; APPLICANT: Lee, Helen H.
; TITLE OF INVENTION: HAPLOTYPES OF THE AGPR1 GENE
; FILE REFERENCE: AGPR1-1136test
; CURRENT APPLICATION NUMBER: US/09/867,915
; CURRENT FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: 60/228,542
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-915-8
Query Match 1.4% Score 11.4; DB 1; Length
Best Local Similarity 80.0%; Pred. No. 5.5e+02;
Matches 12; Conservative 1; Mismatches 2; Indels
QY 930 TTCAGGTTTGTGTTT 944
Db 1 TTTAGGTTATGTTWT 15

RESULT 952
US-09-474-432B-112/G

```

; Sequence 112, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 112  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-112

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 670 TGAAGCTCACAGA 682  
Db 13 TCGAGCTCACAGA 1

RESULT 953  
US-09-780-601A-15/c  
; Sequence 15, Application US/09780601A  
; Patent No. 6593109  
; GENERAL INFORMATION:  
; APPLICANT: Israel, David  
; APPLICANT: Wolfman, Neil M.  
; TITLE OF INVENTION: Recombinant Bone Morphogenetic Protein  
; TITLE OF INVENTION: Heterodimers, Compositions and Methods of Use.  
; NUMBER OF SEQUENCES: 30  
; CORRESPONDENCE ADDRESSES:  
; ADDRESS: Legal Affairs, Genetics Institute, Inc.  
; STREET: 87 Cambridgepark Drive  
; CITY: Cambridge  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02140-2387  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Tape  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/780,601A  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/469,411  
; FILING DATE: 06-Jun-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kadinos, Ellen J.  
; REGISTRATION NUMBER: 32,245  
; REFERENCE/DOCKET NUMBER: GI-5192B-CON

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-498-8622  
; TELEFAX: 617-876-5851  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-09-780-601A-15

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 700 TCGAGTGGCCAT 712  
Db 14 TCGAGTGGCCAT 2

RESULT 954  
US-09-476-387-112/c  
; Sequence 112, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their incorporation into oligonucleoti  
; FILE REFERENCE: MHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 112  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-112

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 670 TGAAGCTCACAGA 682  
Db 13 TCGAGCTCACAGA 1

RESULT 955  
US-09-994-177-8/c  
; Sequence 8, Application US/09994177  
; Patent No. 6623934  
; GENERAL INFORMATION:  
; APPLICANT: CELESTE, ANTHONY J.  
; APPLICANT: MURRAY, BETH L.  
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING BONE MORPHOGENETIC  
; TITLE OF INVENTION: PROTEIN-16



PCT-US94-05288-7/c  
; Sequence 7, Application PC/TUS9405288  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, VICKI A.  
; TITLE OF INVENTION: BMP-11 COMPOSITIONS  
; NUMBER OF SEQUENCES: 11  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/05288  
; FILING DATE:  
; CLASSIFICATION:  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ORIGINAL SOURCE: DNA inserted into pMT2 CXM  
; ORGANISM: DNA inserted into pMT2 CXM  
PCT-US94-05288-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712  
Db 14 TCGAGTGCCCAT 2

RESULT 959  
PCT-US94-05290-7/c  
; Sequence 7, Application PC/TUS9405290  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, VICKI A.  
; TITLE OF INVENTION: BMP-10 COMPOSITIONS  
; NUMBER OF SEQUENCES: 11  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/05290  
; FILING DATE:  
; CLASSIFICATION:  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ORIGINAL SOURCE: DNA inserted into pMT2 CXM  
; ORGANISM: DNA inserted into pMT2 CXM  
PCT-US94-05290-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712  
Db 14 TCGAGTGCCCAT 2

RESULT 960  
PCT-US95-07084-5/c

; Sequence 5, Application PC/TUS9507084  
; GENERAL INFORMATION:  
; APPLICANT: ROSEN, VICKI A.  
; TITLE OF INVENTION: BMP-9 COMPOSITIONS  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genetics Institute, Inc.  
; STREET: Legal Affairs - 87 CambridgePark Drive  
; CITY: Cambridge  
; STATE: MA  
; COUNTRY: US  
; ZIP: 02140  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/07084  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KAPINOS, ELLEN J.  
; REGISTRATION NUMBER: 32,245  
; REFERENCE/DOCKET NUMBER: GI 5186C-PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 876-1210  
; TELEFAX: (617) 876-5851  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA to mRNA  
PCT-US95-07084-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712  
Db 14 TCGAGTGCCCAT 2

RESULT 961  
5166058-18/c  
; Patent No. 5166058  
; APPLICANT: WANG, ELIZABETH A.; WOZNEY, JOHN M.; RPSSEN, VICKI A.  
; TITLE OF INVENTION: DNA SEQUENCES ENCODING THE OSTEOINDUCTIVE  
; PROTEINS  
; NUMBER OF SEQUENCES: 19  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/378,537  
; FILING DATE: 11-JUL-1989  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 179,100  
; FILING DATE: 08-APR-1988  
; APPLICATION NUMBER: 28,285  
; FILING DATE: 20-MAR-1987  
; APPLICATION NUMBER: 943,332  
; FILING DATE: 17-DEC-1986  
; APPLICATION NUMBER: 880,776  
; FILING DATE: 01-JUL-1986  
; SEQ ID NO: 18  
; LENGTH: 15  
5166058-18

Query Match 1.4%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 5.5e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCTAT 712  
||||| |||||  
Db 14 TCGAGTGCCTAT 2

## RESULT 962

US-08-152-313-31/c  
; Sequence 31, Application US/08152313  
; Patent No. 5561041  
; GENERAL INFORMATION:  
; APPLICANT: Sidransky, David  
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
; TITLE OF INVENTION: ANALYSIS OF SPUTUM  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Juba & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90067

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/152,313  
; FILING DATE: 12-NOV-1993  
; CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
; NAME: Wetherell, Jr., Ph.D., John R.,  
; REGISTRATION NUMBER: 31,678  
; REFERENCE/DOCKET NUMBER: PD-2912  
; TELEPHONE: (619) 455-5100  
; TELEFAX: (619) 455-5110  
; INFORMATION FOR SEQ ID NO: 31:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..16  
US-08-152-313-31

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 344 TCGTCCAGGCGC 356  
||||| |||||  
Db 14 TCGTCCAGGCGC 2

## RESULT 963

US-08-050-073-152  
; Sequence 152, Application US/08050073  
; Patent No. 5567809  
; GENERAL INFORMATION:

APPLICANT: Apple, Raymond J.  
; APPLICANT: Begovich, Ann B.  
; APPLICANT: Bugawan, Teodorica L.  
; APPLICANT: Erlich, Henry A.  
; APPLICANT: Griffith, Robert L.  
; APPLICANT: Scharf, Stephen J.  
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA  
; TITLE OF INVENTION: Typing

NUMBER OF SEQUENCES: 315  
CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hoffmann-La Roche Inc.  
; STREET: 340 Kingsland Street  
; CITY: Nutley  
; STATE: New Jersey  
; COUNTRY: U.S.A.  
; ZIP: 07110  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/050,073  
; FILING DATE:

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
; NAME: Petry, Douglas A.  
; REGISTRATION NUMBER: 35,321  
; REFERENCE/DOCKET NUMBER: 8769  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (510) 814-2974  
; TELEFAX: (510) 814-2977  
; INFORMATION FOR SEQ ID NO: 152:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: genomic DNA  
US-08-050-073-152

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGGAGG 417  
||||| |||||  
Db 4 CTGCTCCAGGAGG 16

## RESULT 964

US-08-579-223-31/c  
; Sequence 31, Application US/08579223  
; Patent No. 5726019  
; GENERAL INFORMATION:  
; APPLICANT: Sidransky, David  
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
; TITLE OF INVENTION: ANALYSIS OF SPUTUM  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Juba & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90067

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/579,223  
; FILING DATE: 28-DEC-1995  
; CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/152,313  
; FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
; NAME: Wetherell, Jr., Ph.D., John R.,  
; REGISTRATION NUMBER: 31,678



REFERENCE/DOCKET NUMBER: PD-2912  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..16  
US-08-579-223-31

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 344 TGGTCCCGCGCC 356  
DB 14 TGGGGCCCGCC 2

RESULT 965  
US-08-292-620A-1626/c  
Sequence 1626, Application US/08292620A  
Patent No. 5837542

GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRA-CELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CURRENT APPLICATION DATA:  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
PRIORITY APPLICATION DATA: including application  
PRIORITY APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
PRIORITY APPLICATION DATA: including application  
PRIORITY APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

two

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1626:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1626

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGCTGC 429  
DB 15 GCTTCCGCTGC 3

RESULT 966  
US-08-232-087A-5/c  
Sequence 5, Application US/08232087A  
Patent No. 5866372  
GENERAL INFORMATION:  
APPLICANT: Stein, Harald  
APPLICANT: D. Klop, Horst  
APPLICANT: Latza, Ute  
TITLE OF INVENTION: Lymphoid CD30-Antigen  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP  
STREET: 8110 Gatehouse Road, Suite 500 East  
CITY: Falls Church  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22042

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: 08-SEP-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Murphy Jr., Gerald M.  
REGISTRATION NUMBER: 28,977  
REFERENCE/DOCKET NUMBER: 756-103P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-232-087A-5

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGG 425  
DB 15 GCAGGCCCTCCGG 3

RESULT 967  
US-08-729-955A-12  
; Sequence 12, Application US/08729955A  
; Patent No. 5932417  
; GENERAL INFORMATION:  
; APPLICANT: Birnbaumer, Lutz  
; APPLICANT: Zhu, Xi  
; TITLE OF INVENTION: Method And Compounds For Controlling  
; TITLE OF INVENTION: Capacitative Calcium Ion Entry Into Mammalian Cells  
; TITLE OF INVENTION: Essential for Agonist-Activated Capacitative Ca2+  
; TITLE OF INVENTION: Entry  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Poms, Smith, Lande & Rose  
; STREET: 2029 Century Park East, Suite 3800  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/729,955A  
; FILING DATE: October 15, 1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/025,111  
; FILING DATE: August 29, 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oldenkamp, David J.  
; REGISTRATION NUMBER: 29,421  
; REFERENCE/DOCKET NUMBER: 120186  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (310) 788-5000  
; TELEFAX: (310) 277-1297  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM:  
; INDIVIDUAL ISOLATE: Mclp4  
US-08-729-955A-12

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 64.3%; Pred. No. 6.2e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 788 GCGCAACTGCAGG 801  
Db 2 GNGCRAATGCARR 15

RESULT 968  
US-09-071-845-1626/c  
; Sequence 1626, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwigen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1626:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-071-845-1626

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 417 GCTCTCGGCTGC 429  
Db 15 GCTTCCGGCTGC 3

RESULT 969  
US-09-060-299-425  
; Sequence 425, Application US/09060299  
; Patent No. 6545137  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. 6545137el Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4100  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 425:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-09-060-299-425

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 GTCCTGCAGTGA 897  
|||||  
Db 2 GTCCTGCAGTGA 14

RESULT 970  
US-09-402-923A-425  
Sequence 425, Application US/09402923A  
Patent No. 6555654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
Hess, John W  
Caskey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshihiko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 6555654el LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 425:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 425:  
US-09-402-923A-425

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 GTCCTGCAGTGA 897  
|||||  
Db 2 GTCCTGCAGTGA 14

RESULT 971  
US-09-371-772B-5810  
Sequence 5810, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5810  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5810

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 76.9%; Pred. No. 6.2e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGAAGTGTGACG 790  
|||||  
Db 3 AGCAGUGAGCG 15

RESULT 972  
US-09-371-772B-6978/c

; Sequence 6978, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MEH800.876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 6978  
 ; LENGTH: 16  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 ; ORGANISM: Homo sapiens  
 ; US-09-371-772B-6978

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 195 GTCAGTTTCCTGG 207  
 |||||  
 Db 13 GTCAGTTTCCTGG 1

RESULT 973  
 US-09-829-855-34/c  
 ; Sequence 34, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.  
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; CURRENT FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258  
 ; PRIOR FILING DATE: 2000-04-11  
 ; NUMBER OF SEQ ID NOS: 244  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 34  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: unidentified soil organism  
 ; US-09-829-855-34

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 AGCTGCGGTACAG 739  
 |||||  
 Db 16 AGCTGCGGCACAG 4

RESULT 974  
 US-09-829-855-106/c  
 ; Sequence 106, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.

; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; CURRENT FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258  
 ; PRIOR FILING DATE: 2000-04-11  
 ; NUMBER OF SEQ ID NOS: 244  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 106  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: unidentified soil organism  
 ; US-09-829-855-106

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 AGCTGCGGTACAG 739  
 |||||  
 Db 16 AGCTGCGGCACAG 4

RESULT 975  
 US-09-829-855-131/c  
 ; Sequence 131, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.  
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; CURRENT FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258  
 ; PRIOR FILING DATE: 2000-04-11  
 ; NUMBER OF SEQ ID NOS: 244  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 131  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: unidentified soil organism  
 ; US-09-829-855-131

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 AGCTGCGGTACAG 739  
 |||||  
 Db 16 AGCTGCGGCACAG 4

RESULT 976  
 US-09-829-855-179/c  
 ; Sequence 179, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.  
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; CURRENT FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258

PRIOR FILING DATE: 2000-04-11  
 NUMBER OF SEQ ID NOS: 244  
 SOFTWARE: Patent in version 3.1  
 SEQ ID NO 179  
 LENGTH: 16  
 TYPE: DNA  
 ORGANISM: Unknown  
 FEATURE:  
 OTHER INFORMATION: Uncultured Acidobacterium Sub.Div-1  
 US-09-829-855-179

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 727 AGCTGCGGTACAG 739  
 Db 16 AGCTGCGGCACAG 4

RESULT 977  
 PCT-US94-12947A-31/c  
 Sequence 31, Application PC/TUS9412947A  
 GENERAL INFORMATION:  
 APPLICANT: The Johns Hopkins University School of Medicine  
 TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
 TITLE OF INVENTION: ANALYSIS OF SPUTUM  
 NUMBER OF SEQUENCES: 128  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Spensley Horn Jubas & Lubitz  
 STREET: 1880 Century Park East, Suite 500  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90067  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US94/12947A  
 FILING DATE: 10-NOV-1994  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Halle, Ph.D., Lisa A.  
 REGISTRATION NUMBER: P-38,347  
 REFERENCE/DOCKET NUMBER: FD-2912  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 455-5100  
 TELEFAX: (619) 455-5110  
 INFORMATION FOR SEQ ID NO: 31:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 16 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..16  
 PCT-US94-12947A-31

Query Match 1.4%; Score 11.4; DB 1; Length 16;  
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 344 TGGTCCAGGCC 356  
 Db 14 TGGGCCAGGCC 2

RESULT 978

US-08-055-917-5/c  
 Sequence 5, Application US/08055917  
 Patent No. 5310875  
 GENERAL INFORMATION:  
 APPLICANT: Chang, Tse Wen; Chang, Nancy T.  
 TITLE OF INVENTION: Peptides corresponding to membrane-bound Iga  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Tanox Biosystems, Inc.  
 STREET: 10301 Stella Link Rd.  
 CITY: Houston  
 STATE: Texas  
 COUNTRY: USA  
 ZIP: 77025  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.5 inch  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: DOS 3.30  
 SOFTWARE: Wordperfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/055,917  
 FILING DATE:  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/788,120  
 FILING DATE: 11/4/1991  
 APPLICATION NUMBER: 07/455,080  
 FILING DATE: 12/22/1989  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Mirabel, Eric P.  
 REGISTRATION NUMBER: 31,211  
 REFERENCE/DOCKET NUMBER: TNX89-04CCC  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (713) 664-2288  
 TELEFAX: (713) 664-8914  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 nucleotides  
 TYPE: nucleic acid  
 STRANDEDNESS: Double stranded  
 TOPOLOGY: Linear  
 US-08-055-917-5

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 502 GAGATTGGCCAG 514  
 Db 17 GAGACTGGCCAG 5

RESULT 979  
 US-08-095-068-5/c  
 Sequence 5, Application US/08095068  
 Patent No. 5362643  
 GENERAL INFORMATION:  
 APPLICANT: Chang, Tse Wen; Chang, Nancy T.  
 TITLE OF INVENTION: Producing antibodies which bind to membrane-bound Iga using Iga  
 TITLE OF INVENTION: an immunogen  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Tanox Biosystems, Inc.  
 STREET: 10301 Stella Link Rd.  
 CITY: Houston  
 STATE: Texas  
 COUNTRY: USA  
 ZIP: 77025  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.5 inch  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: DOS 3.30  
 SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/095,068  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/760,765  
FILING DATE: 9/16/1991  
APPLICATION NUMBER: 07/455,080  
FILING DATE: 12/22/1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Mirabel, Eric P.  
REGISTRATION NUMBER: 31,211  
REFERENCE/DOCKET NUMBER: TNX89-04DEE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713) 664-2288  
TELEFAX: (713) 664-8914  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: Double stranded  
TOPOLOGY: Linear  
US-08-095-068-5

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514  
Db 17 GAGACTTGGCCAG 5

RESULT 980  
US-08-140-721A-5/c  
Sequence 5, Application US/08140721A  
Patent No. 5484907  
GENERAL INFORMATION:  
APPLICANT: Chang, Tse Wen; Chang, Nancy T.  
TITLE OF INVENTION: Nucleotides Coding for the Extracellular Membrane-Bound Segmen  
TITLE OF INVENTION: Iga  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Tanox Biosystems, Inc.  
STREET: 10301 Stella Link Rd.  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77025

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: DOS 3.30  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/140,721A  
FILING DATE:  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/095,068  
FILING DATE: 7/20/1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Mirabel, Eric P.  
REGISTRATION NUMBER: 31,211  
REFERENCE/DOCKET NUMBER: TNX89-04FFF  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713) 664-2288  
TELEFAX: (713) 664-8914  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: Double stranded

TOPOLOGY: Linear  
US-08-140-721A-5

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514  
Db 17 GAGACTTGGCCAG 5

RESULT 981  
US-08-152-313-110  
Sequence 110, Application US/08152313  
Patent No. 5561041  
GENERAL INFORMATION:  
APPLICANT: Sidransky, David  
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
TITLE OF INVENTION: ANALYSIS OF SPUTUM  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/152,313  
FILING DATE: 12-NOV-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Wetherell, Jr., Ph.D., John R.,  
REGISTRATION NUMBER: 31,678  
REFERENCE/DOCKET NUMBER: PD-2912  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 110:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..17  
US-08-152-313-110

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 373 GCTGCGCCCTCT 385  
Db 1 GCTGCGCCCTCT 13

RESULT 982  
US-08-050-073-84/C  
Sequence 84, Application US/08050073  
Patent No. 5567809  
GENERAL INFORMATION:  
APPLICANT: Apple, Raymond J.  
APPLICANT: Begovich, Ann B.  
APPLICANT: Bugawan, Teodorica L.

```

/ APPLICANT: Erlich, Henry A.
/ APPLICANT: Griffith, Robert L.
/ APPLICANT: Scharf, Stephen J.
/ TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
/ TITLE OF INVENTION: Typing
/ NUMBER OF SEQUENCES: 315
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoffmann-La Roche Inc.
/ STREET: 340 Kingsland Street
/ CITY: Nutley
/ STATE: New Jersey
/ COUNTRY: U.S.A.
/ ZIP: 07110
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/050,073
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Petty, Douglas A.
/ REGISTRATION NUMBER: 35,321
/ REFERENCE/DOCKET NUMBER: 8769
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (510) 814-2977
/ TELEFAX: (510) 814-2977
/ INFORMATION FOR SEQ ID NO: 84:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: genomic DNA
/ US-08-050-073-84

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 453 GCCTCCAGGAG 465
DB 15 GTCTCCAGGAG 3

RESULT 983
US-08-050-073-159/c
/ Sequence 159, Application US/08050073
/ Patent No. 5567809
/ GENERAL INFORMATION:
/ APPLICANT: Apple, Raymond J.
/ APPLICANT: Besovich, Ann B.
/ APPLICANT: Bugawan, Teodorica L.
/ APPLICANT: Erlich, Henry A.
/ APPLICANT: Griffith, Robert L.
/ APPLICANT: Scharf, Stephen J.
/ TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
/ NUMBER OF SEQUENCES: 315
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoffmann-La Roche Inc.
/ STREET: 340 Kingsland Street
/ CITY: Nutley
/ STATE: New Jersey
/ COUNTRY: U.S.A.
/ ZIP: 07110
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25

```

```

/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/050,073
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Petty, Douglas A.
/ REGISTRATION NUMBER: 35,321
/ REFERENCE/DOCKET NUMBER: 8769
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (510) 814-2977
/ TELEFAX: (510) 814-2977
/ INFORMATION FOR SEQ ID NO: 159:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: genomic DNA
/ US-08-050-073-159

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGGAG 417
DB 14 CTGCTCCAGGAG 2

RESULT 984
US-08-050-073-210/c
/ Sequence 210, Application US/08050073
/ Patent No. 5567809
/ GENERAL INFORMATION:
/ APPLICANT: Apple, Raymond J.
/ APPLICANT: Besovich, Ann B.
/ APPLICANT: Bugawan, Teodorica L.
/ APPLICANT: Erlich, Henry A.
/ APPLICANT: Griffith, Robert L.
/ APPLICANT: Scharf, Stephen J.
/ TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
/ NUMBER OF SEQUENCES: 315
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoffmann-La Roche Inc.
/ STREET: 340 Kingsland Street
/ CITY: Nutley
/ STATE: New Jersey
/ COUNTRY: U.S.A.
/ ZIP: 07110
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/050,073
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Petty, Douglas A.
/ REGISTRATION NUMBER: 35,321
/ REFERENCE/DOCKET NUMBER: 8769
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (510) 814-2977
/ TELEFAX: (510) 814-2977
/ INFORMATION FOR SEQ ID NO: 210:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: genomic DNA

```

US-08-050-073-210

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 453 GCCTCCAGGAAG 465  
 Db 14 GTCTCCAGGAAG 2

RESULT 985

US-08-234-613-39  
 ; Sequence 39, Application US/08234613  
 ; Patent No. 5582981  
 ; GENERAL INFORMATION:  
 ; APPLICANT: TOOLE, JOHN J.  
 ; APPLICANT: LATHAM, JOHN  
 ; APPLICANT: BOCK, LOUIS C.  
 ; APPLICANT: GRIFFIN, LINDA C.  
 ; TITLE OF INVENTION: APTAMER TARGET ELUTION METHOD  
 ; NUMBER OF SEQUENCES: 49  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: MORRISON & FORESTER  
 ; STREET: 755 PAGE MILL ROAD  
 ; CITY: PALO ALTO  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94304-1018  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/234,613  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US/07/744,870  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: GRACEY, NANCEY J.  
 ; REGISTRATION NUMBER: 28,216  
 ; REFERENCE/DOCKET NUMBER: 24610-20030.00  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 813-5600  
 ; TELEFAX: (415) 494-0792  
 ; TELEX: 706141  
 ; INFORMATION FOR SEQ ID NO: 39:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-234-613-39

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 507 TTGGCCAGTTGG 519  
 Db 4 TTGGCCAGTTGG 16

RESULT 986

US-08-281-940-20  
 ; Sequence 20, Application US/08281940  
 ; Patent No. 5589330  
 ; GENERAL INFORMATION:  
 ; APPLICANT: SHUBER, ANTHONY P.  
 ; TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC

; TITLE OF INVENTION: DISEASE ANALYSIS  
 ; NUMBER OF SEQUENCES: 65  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: DARBY & DARBY P.C.  
 ; STREET: 805 THIRD AVENUE  
 ; CITY: NEW YORK  
 ; STATE: NEW YORK  
 ; COUNTRY: USA  
 ; ZIP: 10022  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/281,940  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: LUDWIG, S. PETER  
 ; REGISTRATION NUMBER: 25351  
 ; REFERENCE/DOCKET NUMBER: 0372/09696  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 212/527-7700  
 ; TELEFAX: 212/753-6237  
 ; TELEX: 236687  
 ; INFORMATION FOR SEQ ID NO: 20:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cDNA  
 ; ORIGINAL SOURCE:  
 ; ORGANISM: Homo sapien  
 ; IMMEDIATE SOURCE:  
 ; CLONE: R1162XM  
 ; US-08-281-940-20

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 673 AGCTCACAGATGG 685  
 Db 4 AGCTCACAGATCG 16

RESULT 987

US-08-331-394-58  
 ; Sequence 58, Application US/08331394  
 ; Patent No. 5670319  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goeddel, David V.  
 ; APPLICANT: Rothe, Mike  
 ; TITLE OF INVENTION: Tumor Necrosis Factor  
 ; NUMBER OF SEQUENCES: 66  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Genentech, Inc.  
 ; STREET: 460 Point San Bruno Blvd  
 ; CITY: South San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94080  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: patin (Genentech)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/331,394  
 ; FILING DATE:



CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/250858  
FILING DATE: 27-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Ginger R.  
REGISTRATION NUMBER: 33,055  
REFERENCE/DOCKET NUMBER: 897P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-3216  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-331-394-58

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGGAGAAGT 783  
Db 3 CTGGGAGAAGT 15

RESULT 988  
US-08-331-394-64  
Sequence 64, Application US/08331394  
Patent No. 5670319  
GENERAL INFORMATION:  
APPLICANT: Goeddel, David V.

TITLE OF INVENTION: Tumor Necrosis Factor  
TITLE OF INVENTION: Receptor-Associated Factors  
NUMBER OF SEQUENCES: 66  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080

COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/331.394  
FILING DATE:

CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/250858  
FILING DATE: 27-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Ginger R.  
REGISTRATION NUMBER: 33,055  
REFERENCE/DOCKET NUMBER: 897P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-3216  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-331-394-64

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGGAGAAGT 783  
Db 3 CTGGGAGAAGT 15

RESULT 989  
US-08-619-790C-5/c  
Sequence 5, Application US/08619790C  
Patent No. 5690934  
GENERAL INFORMATION:  
APPLICANT: Chang, Tse Wen; Chang, Nancy T.  
TITLE OF INVENTION: PEPTIDES RELATING TO THE EXTRACELLULAR MEMBRANE-  
BOUND SEGMENT OF HUMAN CHAIN  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Tanox Biosystems, Inc.  
STREET: 10301 Stella Link Rd.  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77025

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: DOS 3.30  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/619.790C  
FILING DATE: 03/20/1996  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/249,558  
FILING DATE: 05/26/1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Mixabel, Eric P.  
REGISTRATION NUMBER: 31,211  
REFERENCE/DOCKET NUMBER: TNX89-04FGG  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (713) 664-2288  
TELEFAX: (713) 664-8914  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: Double  
TOPOLOGY: Linear  
US-08-619-790C-5

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514  
Db 17 GAGACTTGGCCAG 5

RESULT 990  
US-08-250-858-58  
Sequence 58, Application US/08250858  
Patent No. 5708142  
GENERAL INFORMATION:  
APPLICANT: Goeddel, David V.  
APPLICANT: Rothe, Mike  
TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors  
NUMBER OF SEQUENCES: 62  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patin (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/250,858  
 FILING DATE: 27-May-1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dreger, Ginger R.  
 REGISTRATION NUMBER: 33,055  
 REFERENCE/DOCKET NUMBER: 897.1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415/225-3216  
 TELEFAX: 415/952-9881  
 TELEX: 910/371-7168  
 INFORMATION FOR SEQ ID NO: 58:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-250-858-58

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGT 783  
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 DB 3 CTGGAGAGAGT 15

RESULT 991  
 US-08-579-223-110  
 ; Sequence 110, Application US/08579223  
 ; Patent No. 5726019  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Sidransky, David  
 ; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
 ; ANALYSIS OF SPUTUM  
 ; TITLE OF INVENTION: ANALYSIS OF SPUTUM  
 ; NUMBER OF SEQUENCES: 128  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Spensley Horn Jubas & Lubitz  
 ; STREET: 1880 Century Park East, Suite 500  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 90067  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/579,223  
 ; FILING DATE: 28-DEC-1995  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/152,313  
 ; FILING DATE: 12-NOV-1993  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Wetherell, Jr., Ph.D., John R.,  
 ; REGISTRATION NUMBER: 31,678

REFERENCE/DOCKET NUMBER: PD-2912  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 455-5100  
 TELEFAX: (619) 455-5110  
 INFORMATION FOR SEQ ID NO: 110:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..17  
 US-08-579-223-110

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 373 GTCTGGCCCTCCT 385  
 ||||| |||||  
 DB 1 GTCTGGCCCTCCT 13

RESULT 992  
 US-08-469-802B-34/c  
 ; Sequence 34, Application US/08469802B  
 ; Patent No. 5741645  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Orr, Harry T.  
 ; APPLICANT: Rannum, Laura P.W.  
 ; APPLICANT: Chung, Ming-Yi  
 ; APPLICANT: Zoghbi, Huda Y.  
 ; TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia  
 ; Patent No. 5741645  
 ; TITLE OF INVENTION: Type 1 and Method for Diagnosis  
 ; NUMBER OF SEQUENCES: 47  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.  
 ; STREET: 119 No. 5741645th Fourth Street, Suite 203  
 ; CITY: Minneapolis  
 ; STATE: MN  
 ; COUNTRY: USA  
 ; ZIP: 55401  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/469,802B  
 ; FILING DATE: 06-JUN-1995  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Mueeting, Ann M.  
 ; REGISTRATION NUMBER: 33,977  
 ; REFERENCE/DOCKET NUMBER: 110.00030101  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 612-305-1217  
 ; TELEFAX: 612-305-1225  
 ; INFORMATION FOR SEQ ID NO: 34:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; US-08-469-802B-34

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 217 CCTCTCCAGAGT 229  
 DB 13 CCTCTCCAGATT 1

RESULT 993

US-08-446-915-58  
 ; Sequence 58, Application US/08446915  
 ; Patent No. 5741667  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goeddel, David V.  
 ; APPLICANT: Rothe, Mike  
 ; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors  
 ; NUMBER OF SEQUENCES: 66  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Genentech, Inc.  
 ; STREET: 460 Point San Bruno Blvd  
 ; CITY: South San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patin (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/446,915

FILING DATE: 28-OCT-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/250858

FILING DATE: 27-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/331394

FILING DATE: 28-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Dreger, Ginger R.

REGISTRATION NUMBER: 33,055

REFERENCE/DOCKET NUMBER: 897P2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/952-9881

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 58:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-446-915-58

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGGAGAGAGT 783  
 DB 3 CTGGGAGAGAGT 15

RESULT 994

US-08-446-915-64  
 ; Sequence 64, Application US/08446915  
 ; Patent No. 5741667  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goeddel, David V.  
 ; APPLICANT: Rothe, Mike  
 ; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors  
 ; NUMBER OF SEQUENCES: 66  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patin (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/446,915

FILING DATE: 28-OCT-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/250858

FILING DATE: 27-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/331394

FILING DATE: 28-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Dreger, Ginger R.

REGISTRATION NUMBER: 33,055

REFERENCE/DOCKET NUMBER: 897P2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/952-9881

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 64:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-446-915-64

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGGAGAGAGT 783  
 DB 3 CTGGGAGAGAGT 15

RESULT 995

US-08-484-192-111  
 ; Sequence 111, Application US/08484192  
 ; Patent No. 5756291  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GRIFFIN, LINDA C.  
 ; APPLICANT: ALBRECHT, GLENN  
 ; APPLICANT: LATHAM, JOHN  
 ; APPLICANT: LEUNG, LAWRENCE  
 ; APPLICANT: VERMAAS, ERIC  
 ; APPLICANT: TOOLE, JOHN J.  
 ; TITLE OF INVENTION: APTAMERS SPECIFIC FOR BIOMOLECULES AND METHODS OF MAKING  
 ; NUMBER OF SEQUENCES: 181  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: MORRISON & FOERSTER  
 ; STREET: 755 PAGE MILL ROAD  
 ; CITY: PALO ALTO  
 ; STATE: CALIFORNIA  
 ; COUNTRY: USA  
 ; ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/484,192

```

; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/934,387
; FILING DATE: 21-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: GRACEY, NANCY J.
; REGISTRATION NUMBER: 28,216
; REFERENCE/DOCKET NUMBER: 246102002221
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-484-192-111

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 507 TTGCCAGTTGG 519
Db 4 TTGCCAGTTGG 16

RESULT 996
US-08-758-306-395
; Sequence 395, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 395:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-484-192-111

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 507 TTGCCAGTTGG 519
Db 4 TTGCCAGTTGG 16

RESULT 997
US-08-758-306-397
; Sequence 397, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 397:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-397

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 6.8e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 478 TTGGCATTCTCA 490
Db 1 UUGGCAUUCCTCA 13

RESULT 998
US-08-758-306-398
; Sequence 398, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 398:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-398

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 6.8e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 478 TTGGCATTCTCA 490
Db 1 UUGGCAUUCCTCA 13
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## RESULT 998

US-08-758-306-585/c  
 ; Sequence 585, Application US/08758306  
 ; Patent No. 5807743  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: McSwiggen, James A.  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 ; TITLE OF INVENTION: TREATMENT OF DISEASES  
 ; TITLE OF INVENTION: ASSOCIATED WITH  
 ; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
 ; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
 ; NUMBER OF SEQUENCES: 1379  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; CITY: Suite 4700  
 ; STATE: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: FastSeq Version 1.5  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/758,306  
 ; FILING DATE: December 3, 1996  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER:  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 212/132  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 585:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 ; Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 ; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 250 TGAAGGACTTAGA 262  
 |||||  
 Db 17 TGAAGGACTTAGA 5

## RESULT 999

US-08-758-306-587/c  
 ; Sequence 587, Application US/08758306  
 ; Patent No. 5807743  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: McSwiggen, James A.  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 ; TITLE OF INVENTION: TREATMENT OF DISEASES  
 ; TITLE OF INVENTION: ASSOCIATED WITH  
 ; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
 ; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

## NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; CITY: Suite 4700  
 ; STATE: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: FastSeq Version 1.5  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/758,306  
 ; FILING DATE: December 3, 1996  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER:  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 212/132  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 587:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-758-306-587  
 Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 ; Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 ; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 250 TGAAGGACTTAGA 262  
 |||||  
 Db 14 TGAAGGACTTAGA 2

## RESULT 1000

US-08-758-306-943/c  
 ; Sequence 943, Application US/08758306  
 ; Patent No. 5807743  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: McSwiggen, James A.  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 ; TITLE OF INVENTION: TREATMENT OF DISEASES  
 ; TITLE OF INVENTION: ASSOCIATED WITH  
 ; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
 ; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
 ; NUMBER OF SEQUENCES: 1379  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; CITY: Suite 4700  
 ; STATE: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0

Query Match	1.4%	Score 11.4	DB 1	Length 17
Best Local Similarity	92.3%	Pred. No. 6.8e+02		
Matches	12	Conservative 0	Mismatches 1	Indels 0
Gaps	0			
QY	673	AGCTCACAGATGG	685	
Db	4	AGCTCACAGATCG	16	
RESULT 1002				
US-08-267-803B-52/c				
Sequence 52, Application US/08267803B				
Patent No. 5834183				
GENERAL INFORMATION:				
APPLICANT: Orr, Harry T.				
APPLICANT: Rannum, Laura P.W.				
APPLICANT: Chung, Ming-Yi				
APPLICANT: Zoghbi, Huda Y.				
TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia				
Patent No. 5834183				
TITLE OF INVENTION: Type 1 and Method for Diagnosis				
NUMBER OF SEQUENCES: 85				
CORRESPONDENCE ADDRESS:				
ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.				
STREET: P.O. Box 581415				
CITY: Minneapolis				
STATE: MN				
COUNTRY: USA				
ZIP: 55458-1415				
COMPUTER READABLE FORM:				
MEDIUM TYPE: Floppy disk				
COMPUTER: IBM PC compatible				
OPERATING SYSTEM: PC-DOS/MS-DOS				
SOFTWARE: Patent In Release #1.0, Version #1.25				
CURRENT APPLICATION DATA:				
APPLICATION NUMBER: US/08/267,803B				
FILING DATE: 28-JUN-1994				
CLASSIFICATION: 435				
ATTORNEY/AGENT INFORMATION:				
NAME: McCormack, Myra H.				
REGISTRATION NUMBER: 36,602				
REFERENCE/DOCKET NUMBER: 110.00030120				
TELECOMMUNICATION INFORMATION:				
TELEPHONE: 612-305-1217				
TELEFAX: 612-305-1228				
INFORMATION FOR SEQ ID NO: 52:				
SEQUENCE CHARACTERISTICS:				
LENGTH: 17 base pairs				
TYPE: nucleic acid				
STRANDEDNESS: single				
TOPOLOGY: linear				
MOLECULE TYPE: DNA				
US-08-267-803B-52				
Query Match	1.4%	Score 11.4	DB 1	Length 17
Best Local Similarity	92.3%	Pred. No. 6.8e+02		
Matches	12	Conservative 0	Mismatches 1	Indels 0
Gaps	0			
QY	217	CCTCTCCAGAGT	229	
Db	13	CCTCTCCAGATT	1	
RESULT 1003				
US-08-292-620A-1949				
Sequence 1949, Application US/08292620A				
Patent No. 5837542				
GENERAL INFORMATION:				
APPLICANT: Susan Grimm				
APPLICANT: Dan T. Stinchcomb				
APPLICANT: James McSwiggen				

```

; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: KIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,995
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,949
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1949:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1949
;
; Query Match 1.4%; Score 11.4; DB 1; Length 17;
; Best Local Similarity 69.2%; Pred. No. 6.8e-02;
; Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
;
Qy 824 GGGTGCTGAAGCT 836
Db 5 GGGUCCUGAAGCU 17
;
; RESULT 1004
; US-08-237-973-52
; Sequence 52, Application US/08237973
; Patent No. 5840867
; GENERAL INFORMATION:
; APPLICANT: TOOLE, JOHN J.
; APPLICANT: LATHAM, JOHN
; APPLICANT: BOCK, LOUIS C.
; APPLICANT: GRIFFIN, LINDA C.
; TITLE OF INVENTION: APTAMER ANALOGS SPECIFIC FOR
; TITLE OF INVENTION: BIOMOLECULES
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORSTER
; STREET: 755 Page Mill Road

```

```

; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/237,973
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,921
; FILING DATE: 06-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: GRACEY, NANCY J.
; REGISTRATION NUMBER: 28,216
; REFERENCE/DOCKET NUMBER: 24610-20032.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-237-973-52
;
; Query Match 1.4%; Score 11.4; DB 1; Length 17;
; Best Local Similarity 92.3%; Pred. No. 6.8e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
Qy 507 TTGCCGAGTTGG 519
Db 4 TTGCCGAGTTGG 16
;
; RESULT 1005
; US-08-485-885-20
; Sequence 20, Application US/08485885
; Patent No. 5849483
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
; TITLE OF INVENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genzyme Corporation
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,885
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: GEN4-12.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415

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two

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 DESCRIPTION: /desc = "Oligonucleotides"

US-08-485-883-20

Query Match 1.4%; Score 11.4; DB 1; Length 17;

Best Local Similarity 92.3%; Pred. No. 6.8e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 673 AGCTCAGATCG 685

Db 4 AGCTCAGATCG 16

RESULT 1006

US-07-785-565A-5/c

; Sequence 5, Application US/07785565A

; Patent No. 5866129

; GENERAL INFORMATION:

; APPLICANT: Chang, Tse Wen; Chang, Nancy T.

; TITLE OF INVENTION: Treating Disease with a Peptide Corresponding to Membrane-Bound

; NUMBER OF SEQUENCES: 19

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Tanox Biosystems, Inc.

; STREET: 10301 Stella Link Rd.

; CITY: Houston

; STATE: Texas

; COUNTRY: USA

; ZIP: 77025

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.5 inch

; COMPUTER: IBM PS/2

; OPERATING SYSTEM: DOS 3.30

; SOFTWARE: Wordperfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/785,565A

; FILING DATE: 19911104

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/455,080

; FILING DATE: 12/22/1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Mirabel, Eric P.

; REGISTRATION NUMBER: 31,211

; REFERENCE/DOCKET NUMBER: TNX89-04DDD

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (713) 664-2288

; TELEFAX: (713) 664-8914

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 nucleotides

; TYPE: NUCLEIC ACID

; STRANDEDNESS: Double stranded

; TOPOLOGY: Linear

US-07-785-565A-5

Query Match 1.4%; Score 11.4; DB 1; Length 17;

Best Local Similarity 92.3%; Pred. No. 6.8e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 502 GAGATTGGCCAG 514

Db 17 GAGACTGGCCAG 5

RESULT 1007

US-08-744-139-56

; Sequence 56, Application US/08744139

; Patent No. 5869612

; GENERAL INFORMATION:

; APPLICANT: Goeddel, David V

; APPLICANT: Rothe, Mike

; TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR-ASSOCIATED FACTORS

; NUMBER OF SEQUENCES: 59

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WinPatin (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/744,139

; FILING DATE: 31-Oct-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/250858

; FILING DATE: 05/27/1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Dreger, Ginger R.

; REGISTRATION NUMBER: 33,055

; REFERENCE/DOCKET NUMBER: P0897C1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415/225-3216

; TELEFAX: 415/952-9881

; TELEX: 910/371-7168

; INFORMATION FOR SEQ ID NO: 56:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

US-08-744-139-56

Query Match

Best Local Similarity 92.3%; Pred. No. 6.8e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 CTGCGAAGAAGT 783

Db 3 CTGCGAAGAAGT 15

RESULT 1008

US-08-849-021-16

; Sequence 16, Application US/08849021

; Patent No. 5955276

; GENERAL INFORMATION:

; APPLICANT: MORGANTE, MICHELE

; APPLICANT: VOGEL, JULIE M.

; TITLE OF INVENTION: COMPOUND MICROSATELLITE

; TITLE OF INVENTION: PRIMERS FOR THE

; TITLE OF INVENTION: DETECTION OF GENETIC

; TITLE OF INVENTION: POLYMORPHISMS

; NUMBER OF SEQUENCES: 89

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: E. I. DU PONT DE NEMOURS AND

; ADDRESSEE: COMPANY

; STREET: 1007 MARKET STREET

; CITY: WILMINGTON

; STATE: DELAWARE

; COUNTRY: U.S.A.

; ZIP: 19898

; COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY DISK

; COMPUTER: IBM PC COMPATIBLE



OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-16

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. NO. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 393 GGCACACACACC 405  
DB 2 GGCACACACAC 14

RESULT 1009  
US-08-938-830-17  
Sequence 17, Application US/08938830  
Patent No. 6040437  
GENERAL INFORMATION:  
APPLICANT: Lasky, Laurence A.  
APPLICANT: Dowbenko, Donald J.  
TITLE OF INVENTION: Tyrosine Phosphorylated Cleavage  
TITLE OF INVENTION: Furrow-Associated Proteins (PSTPAs)  
NUMBER OF SEQUENCES: 73  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wipatin (Genentech)  
CURRENT APPLICATION DATA:  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/798419  
FILING DATE: 07-FEB-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Dregger, Ginger R.  
REGISTRATION NUMBER: 33,055  
REFERENCE/DOCKET NUMBER: P1066P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-3216  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs

TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-938-830-17

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. NO. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGT 783  
DB 3 CTGGCGAAGT 15

RESULT 1010  
US-08-985-162-211/c  
Sequence 211, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Wartburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 211:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-211

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. NO. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 ATGGCAGACTGG 774  
DB 15 ATGGCAGACTGG 3

```

RESULT 1011
US-08-985-162-236
; Sequence 236, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-236

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 6.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 243 CAGCTCTTGAAGG 255
Db 4 CAGGUCUUGAAGG 16
||| :||:|||||
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-236

RESULT 1012
US-08-985-162-237
; Sequence 237, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 237:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-237

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 6.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 243 CAGCTCTTGAAGG 255
Db 2 CAGGUCUUGAAGG 14
||| :||:|||||
; INFORMATION FOR SEQ ID NO: 237:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-237

RESULT 1013
US-08-985-162-805/c
; Sequence 805, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 805:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-805

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 521 ATTGGAGTCAA 533  
Db 15 ATCTGGAGTCAA 3

RESULT 1014  
US-08-998-099-31/c  
Sequence 31, Application US/08998099A  
Patent No. 6103890  
GENERAL INFORMATION:

APPLICANT: JARVIS, THALE  
APPLICANT: MCSWIGGEN, JAMES A.  
APPLICANT: STINCHCOMB, DAN T.  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
FILE REFERENCE: 231/175  
CURRENT APPLICATION NUMBER: US/08/998,099A  
CURRENT FILING DATE: 1997-12-24  
EARLIER APPLICATION NUMBER: 60/037,658  
EARLIER FILING DATE: 1997-01-23  
EARLIER APPLICATION NUMBER: 08/373,124  
EARLIER FILING DATE: 1995-01-13  
EARLIER APPLICATION NUMBER: 08/245,466  
EARLIER FILING DATE: 1994-05-18  
NUMBER OF SEQ ID NOS: 375  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 31  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-08-998-099-31

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAGT 783  
Db 14 CTGGAGAGAGT 2

RESULT 1015  
US-09-020-222-17  
Sequence 17, Application US/09020222  
Patent No. 611073  
GENERAL INFORMATION:

APPLICANT: Lasky, Laurence A.

TITLE OF INVENTION: Tyrosine Phosphorylated Cleavage  
TITLE OF INVENTION: Furrow-Associated Proteins (PSTPIPS)  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Winpatin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/020,222  
FILING DATE: 06-Feb-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/798419  
FILING DATE: 02/07/1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Ganger R.  
REGISTRATION NUMBER: 33,055  
REFERENCE/DOCKET NUMBER: P1066r1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-3216  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-09-020-222-17

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAGT 783  
Db 3 CTGGAGAGAGT 15

RESULT 1016  
US-09-071-845-1949  
Sequence 1949, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage

```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1949:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1949
;
; Query Match 1.4%; Score 11.4; DB 1; Length 17;
; Best Local Similarity 69.2%; Pred. No. 6.8e+02;
; Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
;
Qy 824 GGGTGTGAAGCT 836
Db 5 GGGUCCUGAAGCU 17

RESULT 1017
US-08-482-918-100/c
; Sequence 100, Application US/08482918
; Patent No. 6207417
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kristina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,918
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448

```

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; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-482-918-100
;
; Query Match 1.4%; Score 11.4; DB 1; Length 17;
; Best Local Similarity 92.3%; Pred. No. 6.8e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
Qy 448 CAGATGCTTCCA 460
Db 15 CAGATACCTTCCA 3

RESULT 1018
US-09-224-681-100/c
; Sequence 100, Application US/09224681
; Patent No. 6207454
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kristina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,681
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448

```

; REFERENCE/DOCKET NUMBER: 01017/35199  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312/474-6300  
; TELEFAX: 312/474-0448  
; TELEX:

; INFORMATION FOR SEQ ID NO: 100:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-09-224-681-100

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 448 CAGATGCTTCCA 460

Db 15 CAGATACCTTCCA 3

RESULT 1019

US-08-336-728A-100/c

; Sequence 100, Application US/08336728A

; Patent No. 6207802

; GENERAL INFORMATION:

; APPLICANT: Zsebo, Kristina M.

; APPLICANT: Bosselman, Robert A.

; APPLICANT: Suggs, Sidney V.

; APPLICANT: Martin, Francis H.

; TITLE OF INVENTION: Stem Cell Factor

; NUMBER OF SEQUENCES: 104

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: United States of America

; ZIP: 60606-6402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/336,728A

; FILING DATE: 09-NOV-1994

; CLASSIFICATION: 424

; PRIOR APPLICATION NUMBER: 07/982,255

; FILING DATE: 25-NOV-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/589,701

; FILING DATE: 01-OCT-1990

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/573,616

; FILING DATE: 24-AUG-1990

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/537,198

; FILING DATE: 11-JUN-1990

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/422,383

; FILING DATE: 16-OCT-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Clough, David W.

; REGISTRATION NUMBER: 36,107

; REFERENCE/DOCKET NUMBER: 01017/32956

; TELEPHONE: 312/474-6300

; TELEFAX: 312/474-0448

; TELEX: 25-3856

; INFORMATION FOR SEQ ID NO: 100:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-08-336-728A-100

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 448 CAGATGCTTCCA 460

Db 15 CAGATACCTTCCA 3

RESULT 1020

US-09-021-701-107

; Sequence 107, Application US/09021701

; Patent No. 6251588

; GENERAL INFORMATION:

; APPLICANT: Shannon, Karen W.

; APPLICANT: Wolber, Paul K.

; APPLICANT: Delenstarr, Glenda C.

; APPLICANT: Webb, Peter G.

; APPLICANT: Kincaid, Robert H.

; TITLE OF INVENTION: Methods for evaluating oligonucleotide

; TITLE OF INVENTION: probe sequences

; NUMBER OF SEQUENCES: 1165

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20

; STREET: 3000 Hanover Street

; CITY: Palo Alto

; STATE: CA

; COUNTRY: USA

; ZIP: 94304

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/021,701

; FILING DATE: 10-FEB-1998

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Choi, Wendy A.

; REGISTRATION NUMBER: 36,697

; REFERENCE/DOCKET NUMBER: 10971464-1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 650-236-2386

; TELEFAX: 650-852-8063

; INFORMATION FOR SEQ ID NO: 107:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cdna

; HYPOTHEICAL: NO

; ANTI-SENSE: NO

US-09-021-701-107

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 133 TGTCGCTTTGGG 145

Db 5 TGTCGCTTTGGG 17

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RESULT 1021
US-09-029-755C-16
; Sequence 16, Application US/09029755C
; Patent No. 6326477
; GENERAL INFORMATION:
; APPLICANT: ILMEN, Maria
; APPLICANT: SOEDERLUND, Hans
; APPLICANT: PENTTILA, Merja
; TITLE OF INVENTION: PROCESS FOR MODIFYING GLUCOSE REPRESSION
; FILE REFERENCE: Substitute Sequence Listing-09-029755
; Patent No. 6326477
; CURRENT APPLICATION NUMBER: US/09/029,755C
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/FI96/00463
; PRIOR FILING DATE: 1996-08-30
; PRIOR APPLICATION NUMBER: FI 954123
; PRIOR FILING DATE: 1995-09-01
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Trichoderma reesei
US-09-029-755C-16

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 411 CAGCAGGCTCTCC 423
DB 3 CAGCAGTCTCTCC 15

RESULT 1022
US-09-564-805-60/c
; Sequence 60, Application US/09564805
; Patent No. 6333403
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.P.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: Gene and a Paralog and Orthologous Genes
; CURRENT APPLICATION NUMBER: US/09/564,805
; CURRENT FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 60
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-564-805-60

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 446 GCCAGATGCCCTC 458
DB 13 GCCAAATGCCCTTC 1

RESULT 1023
US-08-584-040-6052

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; Sequence 6052, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 6052:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-6052

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 776 GAAGAAGTGTGAG 788
DB 2 GAAGAAUUGUGAG 14

RESULT 1024
US-08-584-040-7245/c
; Sequence 7245, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR

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TOPOLOGY: Linear  
US-08-779-599-56

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAACT 783  
Db 3 CTGGCGAGAACT 15

## RESULT 1027

US-09-474-432B-612  
; Sequence 612, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MEHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 612  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-612

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 76.9%; Pred. No. 6.8e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 410 CCAGCGAGCTCTC 422  
Db 2 CCAGCGGCGCUC 14

## RESULT 1028

US-09-474-432B-763  
; Sequence 763, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MEHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05

; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 763  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-763

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 76.9%; Pred. No. 6.8e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 203 CCTGGGTTCACAG 215  
Db 4 CCUGGCGCUCAC 16

## RESULT 1029

US-09-474-432B-828  
; Sequence 828, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MEHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 828  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-828

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 76.9%; Pred. No. 6.8e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 211 CCAGCGCTCTCC 223  
Db 5 CCAGCGCUCAC 17

## RESULT 1030

US-09-474-432B-830  
; Sequence 830, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex



; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka  
 ; APPLICANT: Sweedler, David  
 ; APPLICANT: Zinnen, Shawn  
 ; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
 ; FILE REFERENCE: MEH00-831-B (247/276)  
 ; CURRENT APPLICATION NUMBER: US/09/474,432B  
 ; CURRENT FILING DATE: 1999-12-19  
 ; PRIOR APPLICATION NUMBER: US 60/064,866  
 ; PRIOR FILING DATE: 1997-11-05  
 ; PRIOR APPLICATION NUMBER: US 60/084,727  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: US 09/186,675  
 ; PRIOR FILING DATE: 1998-11-04  
 ; PRIOR APPLICATION NUMBER: US 09/301,511  
 ; PRIOR FILING DATE: 1999-04-28  
 ; NUMBER OF SEQ ID NOS: 1526  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 830  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-474-432B-830  
  
 Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 76.9%; Pred. No. 6.8e+02;  
 Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
  
 QY 729 CTGCGGTACAGTG 741  
 |||||:|||||  
 Db 4 CAGCGGUACAGUG 16  
  
 RESULT 1031  
 US-09-789-556A-35  
 ; Sequence 35, Application US/09789556A  
 ; Patent No. 6534269  
 ; GENERAL INFORMATION:  
 ; APPLICANT: City of Hope  
 ; APPLICANT: Liu, Qiang  
 ; APPLICANT: Sommer, Steve S.  
 ; TITLE OF INVENTION: Pyrophosphorolysis Activated Polymerization (PAP): Application to  
 ; TITLE OF INVENTION: Specific Amplification and Nucleic Acid Sequence Determination  
 ; Patent No. 6534269  
 ; FILE REFERENCE: 1954-328-II  
 ; CURRENT APPLICATION NUMBER: US/09/789,556A  
 ; CURRENT FILING DATE: 2001-02-22  
 ; PRIOR APPLICATION NUMBER: US 60/237,180  
 ; PRIOR FILING DATE: 2000-10-03  
 ; PRIOR APPLICATION NUMBER: US 60/187,035  
 ; PRIOR FILING DATE: 2000-03-06  
 ; PRIOR APPLICATION NUMBER: US 60/184,315  
 ; PRIOR FILING DATE: 2000-02-23  
 ; NUMBER OF SEQ ID NOS: 47  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 35  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: oligonucleotide  
 ; NAME/KEY: misc-feature  
 ; LOCATION: (18)..(19)  
 ; OTHER INFORMATION: dideoxynucleotide  
 US-09-789-556A-35  
  
 Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
 QY 304 CCTGCATCGGAA 316  
 |||||:|||||

Db 3 CCTGCTTGGAA 15  
  
 RESULT 1032  
 US-09-230-652-132  
 ; Sequence 132, Application US/09230652A  
 ; Patent No. 6537775  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Tournier-Lasserre, Elisabeth  
 ; APPLICANT: Joutel, Anne  
 ; APPLICANT: Bousser, Marie-Germaine  
 ; APPLICANT: Bach, Jean-Francois  
 ; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND  
 ; TITLE OF INVENTION: THERAPEUTIC APPLICATION  
 ; FILE REFERENCE: 03715.0048-00000  
 ; CURRENT APPLICATION NUMBER: US/09/230,652A  
 ; CURRENT FILING DATE: 1999-05-17  
 ; EARLIER APPLICATION NUMBER: FR 96 09733  
 ; EARLIER FILING DATE: 1996-08-01  
 ; EARLIER APPLICATION NUMBER: FR 97 04680  
 ; EARLIER FILING DATE: 1997-04-16  
 ; EARLIER APPLICATION NUMBER: PCT/FR97/01433  
 ; EARLIER FILING DATE: 1997-07-31  
 ; NUMBER OF SEQ ID NOS: 163  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 132  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: primer  
 US-09-230-652-132  
  
 Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
 QY 572 CTCGCTGCCTCAC 584  
 |||||:|||||  
 Db 1 CTCTCTGCCTCAC 13  
  
 RESULT 1033  
 US-09-371-772B-2889  
 ; Sequence 2889, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 ; FILE REFERENCE: MEH00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 2889  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-2889  
  
 Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 76.9%; Pred. No. 6.8e+02;  
 Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 776 GAAGAAGTGTGAG 788  
 ||||| :|||  
 Db 2 GAAGAAUUGAG 14

RESULT 1034  
 US-09-371-772B-3054/c  
 ; Sequence 3054, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
 ; FILE REFERENCE: MEH00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3054  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3054

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 367 AAGAGCGTCTGGC 379  
 ||||| :|||  
 Db 13 AAGAGAGTCTGGC 1

RESULT 1035  
 US-09-371-772B-3232/c  
 ; Sequence 3232, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MEH00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3232  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3232

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 345 GGTGCCAGGCCA 357

Db 16 GGTGCCAGGCCA 4  
 ||||| :|||

RESULT 1036  
 US-09-371-772B-4715/c  
 ; Sequence 4715, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
 ; FILE REFERENCE: MEH00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 4715  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-371-772B-4715

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 505 ATTGGCCAGTTT 517  
 ||||| :|||  
 Db 17 ATTGGCCAGTTT 5

RESULT 1037  
 US-09-476-387-611  
 ; Sequence 611, Application US/09476387  
 ; Patent No. 6617438  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Beigelman, Leo  
 ; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka Matulic  
 ; APPLICANT: Sweedler, Dave  
 ; APPLICANT: Zinnen, Shawn  
 ; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti  
 ; FILE REFERENCE: MEH00-831-C (249/073)  
 ; CURRENT APPLICATION NUMBER: US/09/476,387  
 ; CURRENT FILING DATE: 2001-04-04  
 ; PRIOR FILING DATE: 1999-12-29  
 ; PRIOR APPLICATION NUMBER: 09/474,432  
 ; PRIOR FILING DATE: 1999-04-28  
 ; PRIOR APPLICATION NUMBER: 09/301,511  
 ; PRIOR FILING DATE: 1999-04-28  
 ; PRIOR APPLICATION NUMBER: 09/186,675  
 ; PRIOR FILING DATE: 1998-11-04  
 ; PRIOR APPLICATION NUMBER: 60/083,727  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/064,866  
 ; PRIOR FILING DATE: 1997-11-05  
 ; NUMBER OF SEQ ID NOS: 1524  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 611  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-476-387-611

```
Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTCTC 422
    ||||| :|||:|
Db 2 CCAGCGGCUCCUC 14

RESULT 1038
US-09-476-387-762
; Sequence 827, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 762
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-762

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 203 CCTGGGTTCCAG 215
    ||||| :|||:|
Db 4 CCUGGCUCCUC 16

RESULT 1039
US-09-476-387-827
; Sequence 827, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 762
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-762
```

```
Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCC 223
    ||||| :|||:|
Db 5 CCCAGCCCUCCUC 17

RESULT 1040
US-09-476-387-829
; Sequence 829, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 829
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-829

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 729 CTGGGTACAGT 741
    ||||| :|||:|
Db 4 CAGCGGUACAG 16

RESULT 1041
US-09-401-063-211/C
; Sequence 211, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
```

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; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 211:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-211

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 ATGCCGACACTGG 774
Db 15 ATGCCGACACTGG 3

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RESULT 1042
US-09-401-063-236
; Sequence 236, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

```

```

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-236

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 6.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 243 CAGCTCTTGAAGG 255
Db 4 CAGGUCUUGAAGG 16

```

```

RESULT 1043
US-09-401-063-237
; Sequence 237, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:

```

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 237:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-237

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 69.2%; Pred. No. 6.8e+02;  
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 243 CAGCTCTTGAAGG 255  
||| :|||  
Db 2 CAGGUCUUGAAGG 14

RESULT 1044  
US-09-401-063-805/c  
Sequence 805, Application US/09401063  
Patent No. 6623962  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 805:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-805

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 521 ATTGGGAGTCAA 533  
||| :|||  
Db 15 ATCTGGAGTCAA 3

RESULT 1045  
US-09-907-794A-237/c  
Sequence 237, Application US/09907794A  
Patent No. 6635468  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/907,794A  
CURRENT FILING DATE: 2001-07-17  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29

; PRIOR APPLICATION NUMBER: PCT/US99/28313  
; PRIOR FILING DATE: 1999-11-30  
; PRIOR APPLICATION NUMBER: PCT/US99/28564  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/28565  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: 1999-12-16  
; PRIOR APPLICATION NUMBER: PCT/US99/30911  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US99/30999  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US00/00219  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 237  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-907-794A-237

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 145 GGGCTGCAGCTCC 157  
||| |||||  
Db 13 GGGCTGCAGCTCC 1

RESULT 1046  
US-09-818-236A-11  
; Sequence 11, Application US/09818236A  
; Patent No. 6645505  
; GENERAL INFORMATION:  
; APPLICANT: Soni, Vishal  
; APPLICANT: Khandrika, Lakshmi Pathi  
; APPLICANT: Agrawal, Pushpa  
; TITLE OF INVENTION: A REPORTER GENE BASED PROCESS FOR THE SCREENING OF  
; TITLE OF INVENTION: ANTI-TUBERCULOSIS DRUGS BY USING ESSENTIAL AND  
; TITLE OF INVENTION: REGULATORY GENE OF MYCOBACTERIA AS DRUG TARGET  
; FILE REFERENCE: U0133405  
; CURRENT APPLICATION NUMBER: US/09/818,236A  
; CURRENT FILING DATE: 2001-03-27  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 11  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Oligonucleotide primer designed to amplify the  
; OTHER INFORMATION: whiB2 gene of Mycobacterium tuberculosis H37Rv  
US-09-818-236A-11

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 189 GGGCGGTCAGTT 201  
||| |||||  
Db 1 GGGCGGTCAGAT 13

RESULT 1047  
US-09-827-998-462  
; Sequence 462, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 462  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-462

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 770 ACTGGAGAAGAAG 782  
||| |||||  
Db 5 ACTGAAGAAGAAG 17

RESULT 1048  
US-09-827-998-463  
; Sequence 463, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 463  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-463

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 770 ACTGGAGAAGAAG 782  
||| |||||  
Db 4 ACTGAAGAAGAAG 16

RESULT 1049  
US-09-905-125A-237/c  
; Sequence 237, Application US/09905125A  
; Patent No. 6664376  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Oiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mathier, Jeanne P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/905,125A  
CURRENT FILING DATE: 2001-07-12  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 237  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-905-125A-237

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 145 GGGGTGCAGCTCC 157  
Db 13 GGGGTGCAGCTCC 1

RESULT 1050  
US-09-866-108A-170  
Sequence 170, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 170  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-170

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 611 CGTGGCCATCTCA 623  
Db 5 CATGGCCATCTCA 17

RESULT 1051  
US-09-866-108A-171  
Sequence 171, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 171  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-171

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 611 CGTGCCCATCTCA 623  
 DB 4 CATGGCCATCTCA 16

RESULT 1052  
 US-09-866-108A-175  
 ; Sequence 175, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-08-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 175  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-175

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 613 TGGCCATCTCAAC 625  
 DB 2 TGGCCATCTCATC 14

RESULT 1053  
 US-09-866-108A-1386  
 ; Sequence 1386, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 1386  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-1386

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 665 GCAGCTGAAGCTC 677  
 DB 2 GCAGCTGAAGCTC 14



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/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 1507
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1507

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. NO. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGATCCTC 574
   |||||
Db 16 AGCAGGGCTCCTC 4

RESULT 1056
US-09-866-108A-1508/c
/ Sequence 1508, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 1508  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-1508

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGGCTCCTC 574  
 Db 15 AGCAGGGGCTCCTC 3

RESULT 1057  
 US-09-866-108A-1509/c  
 ; Sequence 1509, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 1509  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-1509

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGGCTCCTC 574  
 Db 15 AGCAGGGGCTCCTC 3

RESULT 1057  
 US-09-866-108A-1509/c  
 ; Sequence 1509, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 1509  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-1509

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGGCTCCTC 574  
 Db 15 AGCAGGGGCTCCTC 3

Db 14 AGCAGGGGCTCCTC 2

RESULT 1058  
 US-09-866-108A-1510/c  
 ; Sequence 1510, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 1510  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-1510

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGGCTCCTC 574  
 Db 13 AGCAGGGGCTCCTC 1

RESULT 1059  
 US-09-866-108A-1784/c  
 ; Sequence 1784, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGGCTCCTC 574  
 Db 13 AGCAGGGGCTCCTC 1

RESULT 1059  
 US-09-866-108A-1784/c  
 ; Sequence 1784, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGGCTCCTC 574  
 Db 13 AGCAGGGGCTCCTC 1

RESULT 1059  
 US-09-866-108A-1784/c  
 ; Sequence 1784, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1784  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1784

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 382 TCCTGCTGCGGG 394  
Db 17 TCCTGCTGCGAG 5

RESULT 1060  
US-09-866-108A-1785/c  
; Sequence 1785, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AROMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1790  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1790

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 379 CGCTCTGCTGCGC 391

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1785  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1785

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 382 TCCTGCTGCGGG 394  
Db 16 TCCTGCTGCGAG 4

RESULT 1061  
US-09-866-108A-1790/c  
; Sequence 1790, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AROMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1790  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1790

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 379 CGCTCTGCTGCGC 391

Db 14 CCTCTCTGCTGCG 2

RESULT 1062  
US-09-866-108A-1791/c  
; Sequence 1791, Application US/09866108A  
; Patent No. 6686188  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 1791  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1791

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 379 CCTCTCTGCTGCG 391  
DB 13 CCTCTCTGCTGCG 1

RESULT 1063  
US-09-866-108A-7666  
; Sequence 7666, Application US/09866108A  
; Patent No. 6686188  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 1791  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7666

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 379 CCTCTCTGCTGCG 391  
DB 13 CCTCTCTGCTGCG 1

US-09-866-108A-7796/c  
; Sequence 7796, Application US/09866108A  
; Patent No. 6686188  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 7666  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7666

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 GAAGCTGGAGAAGA 780  
DB 5 GAAGCTGGAGAAGA 17

RESULT 1064  
US-09-866-108A-7796/c  
; Sequence 7796, Application US/09866108A  
; Patent No. 6686188  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 7666  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7666

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 GAAGCTGGAGAAGA 780  
DB 5 GAAGCTGGAGAAGA 17

RESULT 1065  
US-09-866-108A-7796/c  
; Sequence 7796, Application US/09866108A  
; Patent No. 6686188  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 7666  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7666

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 GAAGCTGGAGAAGA 780  
DB 5 GAAGCTGGAGAAGA 17

13 TGCTGCTGAAGCT 1  
Db  
RESULT 1066  
US-09-866-108A-8102/c  
; Sequence 8102, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8102  
; TYPE: DNA  
; LENGTH: 17  
; ORGANISM: Homo sapiens  
US-09-866-108A-8102

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCTGCTGAAGCT 676  
Db 14 TGCTGCTGAAGCT 2

RESULT 1065  
US-09-866-108A-7797/c  
; Sequence 7797, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7797  
; TYPE: DNA  
; LENGTH: 17  
; ORGANISM: Homo sapiens  
US-09-866-108A-7797

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

13 TGCTGCTGAAGCT 1  
Db  
RESULT 1066  
US-09-866-108A-8102/c  
; Sequence 8102, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8102  
; TYPE: DNA  
; LENGTH: 17  
; ORGANISM: Homo sapiens  
US-09-866-108A-8102

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 798 CAGGACTGACTGA 810  
Db 17 CAGGACTGACGGA 5

RESULT 1067  
US-09-866-108A-8107/c  
; Sequence 8107, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8107  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8107

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 797 GCAGGACTGACTG 809  
Db 13 GCAGGACTGACGG 1

RESULT 1068  
US-09-866-108A-8140  
Sequence 8140, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8140  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8140

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAGC 675  
Db 5 ATGCAGCTGAGC 17

RESULT 1069  
US-09-866-108A-8141  
Sequence 8141, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8141  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

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QY      663 ATGCAGCTGAAGC 675
DB      4 ATGCAGCTGGAGC 16

RESULT 1070
US-09-866-108A-8142
; Sequence 8142, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8142
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8143

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      663 ATGCAGCTGAAGC 675
DB      2 ATGCAGCTGGAGC 14

RESULT 1072
US-09-866-108A-8144
; Sequence 8144, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

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;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aemica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8144  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8144

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 563 ATGCAGCTGGAGC 675  
Db 1 ATGCAGCTGGAGC 13

RESULT 1073  
US-09-866-108A-8387/c  
;; Sequence 8387, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aemica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8387  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8387

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 401 CACCTGTCTCCAG 413  
Db 13 CACTCTGTCTCCAG 1

RESULT 1074  
US-09-866-108A-8489/c  
;; Sequence 8489, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aemica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8489  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8489

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 409 TCCAGCAGGCTCT 421  
Db 17 TCCAGCAGGCTCT 5

RESULT 1075  
US-09-866-108A-8490/c  
;; Sequence 8490, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng



```
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8490
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8490

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e-02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 409 TCCAGCAGGCTCT 421
Db 16 TCCACCAGGCTCT 4

RESULT 1076
US-09-866-108A-8491/c
; Sequence 8491, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8490
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8490

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e-02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 409 TCCAGCAGGCTCT 421
Db 16 TCCACCAGGCTCT 4

RESULT 1076
US-09-866-108A-8491/c
; Sequence 8491, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8491
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8491

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 409 TCCAGCAGGCTCT 421
Db 15 TCCACCAGGCTCT 3

RESULT 1077
US-09-866-108A-8492/c
; Sequence 8492, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8492
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8492

Query Match 1.4%; Score 11.4; DB 1; Length 17;
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Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 409 TCCAGCAGGCTCT 421
Db 14 TCCACCAGGCTCT 2
|||||
|||||

RESULT 1078
US-09-866-108A-8645
; Sequence 8645, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOZIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8645
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8645

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676
Db 5 TGCAGCTGCAGCT 17
|||||
|||||

RESULT 1079
US-09-866-108A-8646
; Sequence 8646, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

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; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8647  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-8647

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676  
 DB 3 TGCAGCTGCAGCT 15

RESULT 1081  
 US-09-866-108A-8648  
 ; Sequence 8648, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8648  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-8648

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676  
 DB 2 TGCAGCTGCAGCT 14

RESULT 1082  
 US-09-866-108A-8649  
 ; Sequence 8649, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8649  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-8649

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676  
 DB 1 TGCAGCTGCAGCT 13

RESULT 1083  
 US-09-866-108A-8913/c  
 ; Sequence 8913, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT FILING DATE: 2001-05-25
; CURRENT APPLICATION NUMBER: US/09/866.108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8913
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8913

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGGCTGC 429
      |||||
Db 17 GCTCTCCGGCTGC 5

RESULT 1084
US-09-866-108A-8914/c
; Sequence 8914, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8913
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8913

```

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT FILING DATE: 2001-05-25
; CURRENT APPLICATION NUMBER: US/09/866.108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8914
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8914

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGGCTGC 429
      |||||
Db 16 GCTCTCCGGCTGC 4

RESULT 1085
US-09-866-108A-8915/c
; Sequence 8915, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8915
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8915

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Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGCTGC 429  
| | | | | | | | | | | | | | | | |  
Db 15 GCTCTCCGCTGC 3

RESULT 1086  
US-09-866-108A-8916/c  
; Sequence 8916, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8917  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8917

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGCTGC 429  
| | | | | | | | | | | | | | | | |  
Db 13 GCTCTCCGCTGC 1

RESULT 1088  
US-09-866-108A-9031  
; Sequence 9031, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGCTGC 429  
| | | | | | | | | | | | | | | | |  
Db 15 GCTCTCCGCTGC 3

RESULT 1086  
US-09-866-108A-8916/c  
; Sequence 8916, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8916  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8916

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGCTGC 429  
| | | | | | | | | | | | | | | | |  
Db 14 GCTCTCCGCTGC 2

RESULT 1087  
US-09-866-108A-8917/c  
; Sequence 8917, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.

; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 9031  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-9031

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 333 GTGAGCAACTTG 345  
 ||||| |||||  
 Db 5 GTGAGGAACTTG 17

RESULT 1089  
 US-09-866-108A-9032  
 ; Sequence 9032, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Shaaron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 9032  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens

US-09-866-108A-9032

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 333 GTGAGCAACTTG 345  
 ||||| |||||  
 Db 4 GTGAGGAACTTG 16

RESULT 1090  
 US-09-866-108A-9033  
 ; Sequence 9033, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Shaaron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-01-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 9033  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-9033

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 333 GTGAGCAACTTG 345  
 ||||| |||||  
 Db 3 GTGAGGAACTTG 15

RESULT 1091  
 US-09-866-108A-9034  
 ; Sequence 9034, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.  
 APPLICANT: HANZEL, David K.  
 APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AECOMICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/00666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15735  
 SOFTWARE: Aecomica Sequence Listing Engine  
 Patent No. 6686188  
 SEQ ID NO 9034  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A-9034

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 333 GTGGAGCACTTG 345  
 DB 2 GTGGAGGAACCTG 14

RESULT 1092  
 US-09-902-775A-237/c  
 Sequence 237, Application US/09902775A  
 Patent No. 6686451  
 GENERAL INFORMATION:  
 APPLICANT: Genentech, Inc.  
 APPLICANT: Ashkenazi, Avi  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, A.  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, Christopher J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Hillan, Kenneth, J.  
 APPLICANT: Kljavin, Ivar J.  
 APPLICANT: Mather, Jennie P.  
 APPLICANT: Pan, James  
 APPLICANT: Faoni, Nicholas F.

APPLICANT: Roy, Margaret Ann  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William, I.  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 FILE REFERENCE: 10466-14  
 CURRENT APPLICATION NUMBER: US/09/902,775A  
 CURRENT FILING DATE: 2001-07-10  
 PRIOR APPLICATION NUMBER: PCT/US00/04414  
 PRIOR FILING DATE: 2000-02-22  
 PRIOR APPLICATION NUMBER: US 60/143,048  
 PRIOR FILING DATE: 1999-07-07  
 PRIOR APPLICATION NUMBER: US 60/145,698  
 PRIOR FILING DATE: 1999-07-26  
 PRIOR APPLICATION NUMBER: US 60/146,222  
 PRIOR FILING DATE: 1999-07-28  
 PRIOR APPLICATION NUMBER: PCT/US99/20594  
 PRIOR FILING DATE: 1999-09-08  
 PRIOR APPLICATION NUMBER: PCT/US99/20944  
 PRIOR FILING DATE: 1999-09-13  
 PRIOR APPLICATION NUMBER: PCT/US99/21090  
 PRIOR FILING DATE: 1999-09-15  
 PRIOR APPLICATION NUMBER: PCT/US99/21547  
 PRIOR FILING DATE: 1999-09-15  
 PRIOR APPLICATION NUMBER: PCT/US99/23089  
 PRIOR FILING DATE: 1999-10-05  
 PRIOR APPLICATION NUMBER: PCT/US99/28214  
 PRIOR FILING DATE: 1999-11-29  
 PRIOR APPLICATION NUMBER: PCT/US99/28313  
 PRIOR FILING DATE: 1999-11-30  
 PRIOR APPLICATION NUMBER: PCT/US99/28564  
 PRIOR FILING DATE: 1999-12-02  
 PRIOR APPLICATION NUMBER: PCT/US99/28565  
 PRIOR FILING DATE: 1999-12-02  
 PRIOR APPLICATION NUMBER: PCT/US99/30095  
 PRIOR FILING DATE: 1999-12-16  
 PRIOR APPLICATION NUMBER: PCT/US99/30911  
 PRIOR FILING DATE: 1999-12-20  
 PRIOR APPLICATION NUMBER: PCT/US99/30999  
 PRIOR FILING DATE: 1999-12-20  
 PRIOR APPLICATION NUMBER: PCT/US00/00219  
 PRIOR FILING DATE: 2000-01-05  
 NUMBER OF SEQ ID NOS: 423  
 SEQ ID NO 237  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Artificial sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic oligonucleotide probe  
 US-09-902-775A-237

Query Match 1.4%; Score 11.4; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 145 GGGCTGCAGCTCC 157  
 DB 13 GGGGTGCAGCTCC 1

RESULT 1093  
 PCT-US94-12947A-110  
 Sequence 110, Application PC/TUS9412947A  
 GENERAL INFORMATION:  
 APPLICANT: The Johns Hopkins University School of Medicine  
 TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
 TITLE OF INVENTION: ANALYSIS OF SPUTUM  
 NUMBER OF SEQUENCES: 128  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Spensley Horn Jubas & Lubitz  
 STREET: 1880 Century Park East, Suite 500

```

; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
;
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Halle, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: FD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; PCT-US94-12947A-110

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Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

Qy 373 GTCTGGCCCTCTCT 385
Db 1 GTCTGGCCCTCTCT 13

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RESULT 1094
PCT-US95-06639-58
; Sequence 58, Application PC/TUS9506639
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06639
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250858
; FILING DATE: 27-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/331394
; FILING DATE: 28-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 897P2PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-06639-64

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 771 CTGCGAGAAGT 783
Db 3 CTGCGAGAAGT 15

```

```

; REFERENCE/DOCKET NUMBER: 897P2PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-06639-58

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```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 771 CTGCGAGAAGT 783
Db 3 CTGCGAGAAGT 15

```

```

RESULT 1095
PCT-US95-06639-64
; Sequence 64, Application PC/TUS9506639
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06639
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250858
; FILING DATE: 27-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/331394
; FILING DATE: 28-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 897P2PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-06639-64

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```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 771 CTGCGAGAAGT 783
Db 3 CTGCGAGAAGT 15

```



Db 3 CTGGCGAAGAGT 15

## RESULT 1096

US-09-920-760-63/c  
; Sequence 63, Application US/09920760  
; Patent No. 6492173  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION  
; FILE REFERENCE: RTS-0275  
; CURRENT APPLICATION NUMBER: US/09/920,760  
; CURRENT FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 63  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-760-63

Query Match 1.4%; Score 11.4; DB 1; Length 18;  
Best Local Similarity 92.3%; Pred. No. 7.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 407 GCTCCAGCAGGCT 419

Db 13 GCTCCAGCAGGAT 1

## RESULT 1097

US-08-585-684B-2721  
; Sequence 2721, Application US/08585684B  
; Patent No. 5877021  
; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/585,684B  
; FILING DATE: January 16, 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/000,951

; FILING DATE: July 7, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/078  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2721:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: DNA  
; STRANDEDNESS: single  
; TOPOLOGY: linear

; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-585-684B-2721

Query Match 1.4%; Score 11.4; DB 1; Length 18;  
Best Local Similarity 69.2%; Pred. No. 7.5e+02;  
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTGA 252

Db 3 GCACAGCUCUUGA 15

## RESULT 1098

US-09-038-073-2721  
; Sequence 2721, Application US/09038073  
; Patent No. 6194150  
; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/038,073  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/585,684

; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/078  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2721:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-09-038-073-2721

Query Match 1.4%; Score 11.4; DB 1; Length 18;  
Best Local Similarity 69.2%; Pred. No. 7.5e+02;  
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTGA 252

Db 3 GCACAGCUCUUGA 15

## RESULT 1099

```

US-09-422-978-11502/c
; Sequence 11502, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11502
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-8232 for SEQ 3637, in complete
US-09-422-978-11502
Query Match 1.4%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 7.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 818 TACTGTGGTGCT 830
Db 13 TTCTGTGGTGCT 1

RESULT 1100
US-09-870-956-48/c
; Sequence 48, Application US/09870956
; Patent No. 6683169
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: No. 6683169el Compositions for the Expression of the Human Peptide
; FILE REFERENCE: Histidine Transporter 1 and Methods of Use Thereof
; CURRENT APPLICATION NUMBER: US/09/870,956
; CURRENT FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-48
Query Match 1.4%; Score 11.4; DB 1; Length 27;
Best Local Similarity 92.3%; Pred. No. 1.2e+03;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 555 GCCCACACGAG 567
Db 19 GCCCACACGAG 7

RESULT 1101
US-07-999-071-10/c

```

```

; Sequence 10, Application US/07999071
; Patent No. 5691196
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; FILE REFERENCE: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/07/999,071
; FILING DATE: 31-DEC-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31145
; REFERENCE/DOCKET NUMBER: 31941
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 831-3241
; TELEFAX: (201) 831-3305
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-999-071-10
Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 185 CAGTGGCGGTCAGT 200
Db 16 CAGGGGTGAGTCACT 1

RESULT 1102
US-08-469-122-10/c
; Sequence 10, Application US/08469122
; Patent No. 5700650
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; FILE REFERENCE: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,122

```

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US-08-465-783-10
Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      185 CAGTGGCCGGTCAGT 200
        ||| |||||
Db       16 CAGGGGTCAGTCAGT 1

RESULT 1104
US-08-469-120-10/c
; Sequence 10, Application US/08469120
; Patent No. 5714595
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; TITLE OF INVENTION: Karathanasis, Sotirios K.
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; TITLE OF INVENTION: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,120
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,071
; FILING DATE: 31-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31145
; REFERENCE/DOCKET NUMBER: 31941
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 831-3241
; TELEFAX: (201) 831-3305
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-469-120-10

Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      185 CAGTGGCCGGTCAGT 200
        ||| |||||
Db       16 CAGGGGTCAGTCAGT 1

RESULT 1105
US-08-555-678-67/c
; Sequence 67, Application US/08555678
; Patent No. 5763174
; GENERAL INFORMATION:
; APPLICANT: Nishikura, Kazuko
; TITLE OF INVENTION: RNA Editing Enzyme and Methods
; TITLE OF INVENTION: of Use Thereof
```

```

; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr, P.O. Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19477
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/555,678
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/197,794
; FILING DATE: 17-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/280,443
; FILING DATE: 25-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/457,459
; FILING DATE: 01-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: WST49DUSA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9206
; TELEFAX: 215-540-5918
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-08-555-678-67

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 717 AAATTCAGAGCTGC 732
Db 16 AGATGCAGAGCTGC 1

RESULT 1106
US-08-778-702-16
; Sequence 15; Application US/08778702
; Patent No. 5763186
; GENERAL INFORMATION:
; APPLICANT: Lutke, Douglas N.
; APPLICANT: Monahan, John E.
; APPLICANT: Unger, John T.
; TITLE OF INVENTION: Use of Antisense Oligomers in a
; TITLE OF INVENTION: Process for Controlling Contamination in Nucleic Acid
; TITLE OF INVENTION: Amplification Reactions
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ciba Corning Diagnostics Corp.
; STREET: 63 No. 5763186th Street
; CITY: Medfield
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02052
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette 3.5 inch, 1.44 Mb storage

```

```

; COMPUTER: IBM PS/2
; OPERATING SYSTEM: IBM-DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/778,702
; FILING DATE: 03-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/157,364
; FILING DATE: 23-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: MORGENSTERN, Arthur S.
; REGISTRATION NUMBER: 28,244
; REFERENCE/DOCKET NUMBER: CCD-141
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508 359-3836
; TELEFAX: 508 359-3885
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 bases
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE:
; DESCRIPTION: Called Clamp QB-7.
; HYPOTHETICAL: No
; ANTI-SENSE: Yes
; POSITION IN GENOME:
; UNITS: Base 63 to base 78 of the positive strand
; UNITS: of the nanovariant sequence.
; US-08-778-702-16

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 398 ACACACCTGCTCCAG 413
Db 1 ACACACCGGAUCUAG 16

RESULT 1107
US-08-232-620A-1560/C
; Sequence 1560; Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A

```

;/ FILING DATE: August 17, 1994  
;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA: including application  
;/ PRIOR APPLICATION DATA: described below: two  
;/ APPLICATION NUMBER: 08/008,895  
;/ FILING DATE: January 19, 1993  
;/ APPLICATION NUMBER: 07/989,849  
;/ FILING DATE: December 7, 1992  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 208/149  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 1560:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 16 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-292-620A-1560

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 310 ATGGGAAGACTGCAG 325  
Db 16 AAGGTCAAGACTGCAG 1

RESULT 1108  
US-08-412-376-40/c  
;/ Sequence 40, Application US/08412376  
;/ Patent No. 5849900  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Moelling, Karin  
;/ TITLE OF INVENTION: Inhibition Of Viruses By Antisense  
;/ TITLE OF INVENTION: Oligomers Capable Of Binding To Polypurine-Rich Tract Of Single  
;/ TITLE OF INVENTION: Stranded RNA Or RNA-DNA Hybrids  
;/ NUMBER OF SEQUENCES: 42  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Woodcock Washburn Kurtz  
;/ ADDRESS: Mackiewicz & No. 5849900ris  
;/ STREET: One Liberty Place - 46th Floor  
;/ CITY: Philadelphia  
;/ STATE: PA  
;/ COUNTRY: USA  
;/ ZIP: 19103  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
;/ COMPUTER: IBM PS/2  
;/ OPERATING SYSTEM: PC-DOS  
;/ SOFTWARE: WORDPERFECT 5.1  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/412,376  
;/ FILING DATE: Herewith  
;/ CLASSIFICATION: 514  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US 07/954,184  
;/ FILING DATE: 29-SEP-1992  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Doreen Yanko Trujillo  
;/ REGISTRATION NUMBER: 35,719  
;/ REFERENCE/DOCKET NUMBER: APOL-0021  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (215) 568-3100  
;/ TELEFAX: (215) 568-3439  
;/ INFORMATION FOR SEQ ID NO: 40:  
;/ SEQUENCE CHARACTERISTICS:

;/ LENGTH: 16  
;/ TYPE: Nucleic Acid  
;/ STRANDEDNESS: Single  
;/ TOPOLOGY: Linear  
;/ ANTI-SENSE: Yes  
;/ US-08-412-376-40

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 843 AGAACACAGCCCCCA 858  
Db 16 AAACAAACCCCCCA 1

RESULT 1109  
US-09-071-845-1560/c  
;/ Sequence 1560, Application US/09071845  
;/ Patent No. 6132967  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Susan Grimm  
;/ APPLICANT: Dan T. Stinchcomb  
;/ APPLICANT: James McSwiggen  
;/ APPLICANT: Sean Sullivan  
;/ APPLICANT: Kenneth G. Draper  
;/ TITLE OF INVENTION: RIBOZYME TREATMENT OF  
;/ TITLE OF INVENTION: DISEASES OR CONDITIONS  
;/ TITLE OF INVENTION: RELATED TO LEVELS OF  
;/ TITLE OF INVENTION: INTRACELLULAR ADHESION  
;/ TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)  
;/ NUMBER OF SEQUENCES: 2390  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Lyon & Lyon  
;/ STREET: 633 West Fifth Street  
;/ STREET: Suite 4700  
;/ CITY: Los Angeles  
;/ STATE: California  
;/ COUNTRY: U.S.A.  
;/ ZIP: 90071-2066  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
;/ SOFTWARE: Word Perfect 5.1  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/09/071,845  
;/ FILING DATE:  
;/ CLASSIFICATION:  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/292,620  
;/ FILING DATE: August 17, 1994  
;/ APPLICATION NUMBER: 08/008,895  
;/ FILING DATE: January 19, 1993  
;/ APPLICATION NUMBER: 07/989,849  
;/ FILING DATE: December 7, 1992  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 208/149  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 1560:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 16 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-09-071-845-1560

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 310 ATGGGAAGACTGCAG 325  
| | | | | | | | | |  
Db 16 AAGTCAGACTGCAG 1

RESULT 1110  
US-09-156-828B-11  
; Sequence 11, Application US/09156828B  
; Patent No. 6238917  
; GENERAL INFORMATION:  
; APPLICANT: Hendry, Philip  
; APPLICANT: McCall, Maxine J.  
; TITLE OF INVENTION: ASYMMETRIC HAMMERHEAD RIBOZYMES  
; FILE REFERENCE: 50534Dpu  
; CURRENT APPLICATION NUMBER: US/09/156,828B  
; CURRENT FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: PCT/AU97/00210  
; PRIOR FILING DATE: 1997-04-02  
; NUMBER OF SEQ ID NOS: 42  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 11  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Ribozymes and Portions thereof  
US-09-156-828B-11

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 56.2%; Pred. No. 6.8e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 521 ATTGGGAGTCACGC 536  
| | | | | | | | | |  
Db 1 AUUUGGAGUCCACAC 16

RESULT 1111  
US-09-364-539-10  
; Sequence 10, Application US/09364539B  
; Patent No. 6344321  
; GENERAL INFORMATION:  
; APPLICANT: Rabin, Ross  
; APPLICANT: Lochrie, Michael  
; APPLICANT: Janjic, Nebojsa  
; APPLICANT: Gold, Larry  
; TITLE OF INVENTION: Nucleic Acid Ligands Which Bind to Hepatocyte Growth  
; TITLE OF INVENTION: Factor/Scatter Factor (HGF/SF) or its Receptor C-Met  
; FILE REFERENCE: NEX83  
; CURRENT APPLICATION NUMBER: US/09/364,539B  
; CURRENT FILING DATE: 1999-07-29  
; NUMBER OF SEQ ID NOS: 192  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 10  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Sequence  
; NAME/KEY: modified base  
; LOCATION: (1)..(16)  
; OTHER INFORMATION: Purines and pyrimidines are 2'OMe; purines and  
; OTHER INFORMATION: pyrimidines at positions 1-4 are DNA; purines and  
; OTHER INFORMATION: pyrimidines at positions 5-16 are RNA.  
US-09-364-539-10

Query Match 1.3%; Score 11.2; DB 1; Length 16;

Best Local Similarity 68.8%; Pred. No. 6.8e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 134 GTCTGCTTGGGGCT 149  
| | | | | | | | | |  
Db 1 GTCTGUGAGCGGCU 16

RESULT 1112  
US-09-538-709-1243/c  
; Sequence 1243, Application US/09538709  
; Patent No. 6468749  
; GENERAL INFORMATION:  
; APPLICANT: Ulanovsky, et al  
; TITLE OF INVENTION: SEQUENCE-DEPENDENT GENE SORTING TECHNIQUES  
; FILE REFERENCE: 540579-2006  
; CURRENT APPLICATION NUMBER: US/09/538,709  
; CURRENT FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1311  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 1243  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: helper oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (4)..(4)  
; OTHER INFORMATION: 'n' at position 4 can be any of the nucleotides a,c,g or t;  
US-09-538-709-1243

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 827 TGCTGAAGCTGTACC 842  
| | | | | | | | | |  
Db 16 TGCTGAAGCTGTACC 1

RESULT 1113  
US-09-060-299-413/c  
; Sequence 413, Application US/09060299  
; Patent No. 6545137  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. 6545137el Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/060,299  
; FILING DATE: 15-APR-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 413:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-09-060-299-413

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 325 GAGAAGCTGTGGAC 340  
DB 16 GCGAGGCTGTGGGCA 1

RESULT 1114

US-09-402-923A-413/C  
Sequence 413, Application US/09402923A  
Patent No. 655654

GENERAL INFORMATION:

APPLICANT: Todd, John A  
Hess, John W  
Caskey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshihiko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 655654e1 LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 655654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA: US/09/402,923A  
FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff

REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 413:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 413:  
US-09-402-923A-413

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 325 GAGAAGCTGTGGAC 340  
DB 16 GCGAGGCTGTGGGCA 1

RESULT 1115

US-09-371-772B-5659/C  
Sequence 5659, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5659  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5659

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 788 GCGCAAACTGCAGGAC 803  
DB 16 GCGGCACAGCAGGAC 1

RESULT 1116

US-09-371-772B-5809  
Sequence 5809, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26

```

; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1995-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5809
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5809

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```
Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 68.8%; Pred. No. 6.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
```

QY 774 GAGAAAGAAGTGTGAGC 789  
Db 1 GAUGAGCAGUGAGC 16

RESULT 1117  
US-09-371-772B-5974  
Sequence 5974, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggan, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for  
Detection of Levels of Vascular Endothelial  
Growth Factor (VEGF) in Serum  
FILE REFERENCE: MHE900 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5974  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5974

```
Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 315 AAAGACTGCAGAGAAG 330  
Db 1 AAAGAAAGCTUGAGAAG 16

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RESULT 1118
US-09-371-772B-6106
: Sequence 6106, Application US/09371772B
: Patent No. 6566127
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggen, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for
: TITLE OF INVENTION: Levels of Vascular Endo
: FILE REFERENCE: MBH900.876-J (237/198)
: CURRENT APPLICATION NUMBER: US/09/371,772B
: CURRENT FILING DATE: 1999-08-10
: PRIOR APPLICATION NUMBER: US 60/005,974
: PRIOR FILING DATE: 1995-10-26
: PRIOR APPLICATION NUMBER: US 08/584,040

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; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6106
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-7728-6106

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Query Match	1.3%;	Score 11.2;	DB 1;	Length 16;
Best Local Similarity	43.8%;	Pred. No. 6.8e+02;		
Matches	7;	Conservative	6;	Mismatches 3;
				Indels 0;
				Gaps 0;

QY 509 GGCCAGTTTGGCATT 524  
||| ||| ||| ||| |||  
Db 1 GGCUAGUUUUGCCUU 16

RESULT 1119  
US-09-371-772B-7033/c  
Sequence 7033, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Rbozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for  
Detection of Levels of Vascular En  
ZYME  
FILE REFERENCE: MEH900 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patentn version 3.0  
SEQ ID NO 7033  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-7033

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Query Match          1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Caps 0;

```

Qy 136 CTGCTTTGGGGCTGC 151  
||| |  
Db 16 CTGCTCAGTGGGCTGC 1

```

RESULT 1120
US/09-829-855-28
; Sequence 28, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 28
; LENGTH: 16
; TYPE: DNA

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ORGANISM: unknown  
 FEATURE:  
 OTHER INFORMATION: unidentified soil organism  
 US-09-829-855-28

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
 Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 CGGCCGTGGCTCAGCT 247  
 Db 1 CGTCCGTGGCTCAGCT 16

RESULT 1121  
 US-09-829-855-98  
 ; Sequence 98, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.  
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; CURRENT FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258  
 ; PRIOR FILING DATE: 2000-04-11  
 ; NUMBER OF SEQ ID NOS: 244  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 98  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: unidentified soil organism  
 US-09-829-855-98

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
 Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 CGGCCGTGGCTCAGCT 247  
 Db 1 CGTCCGTGGCTCAGCT 16

RESULT 1122  
 US-09-829-855-109  
 ; Sequence 109, Application US/09829855  
 ; Patent No. 6613520  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Matthew, Ashby N.  
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
 ; FILE REFERENCE: ASHBY-1  
 ; CURRENT APPLICATION NUMBER: US/09/829,855  
 ; CURRENT FILING DATE: 2001-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196063  
 ; PRIOR FILING DATE: 2000-04-10  
 ; PRIOR APPLICATION NUMBER: US 60/196258  
 ; PRIOR FILING DATE: 2000-04-11  
 ; NUMBER OF SEQ ID NOS: 244  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 109  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: unknown  
 ; FEATURE:  
 ; OTHER INFORMATION: unidentified soil organism  
 US-09-829-855-109

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
 Best Local Similarity 81.2%; Pred. No. 6.8e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 CGGCCGTGGCTCAGCT 247  
 Db 1 CTGCCGTGGCTAAGCT 16

RESULT 1123  
 US-09-479-005A-110/c  
 ; Sequence 110, Application US/09479005A  
 ; Patent No. 6656731  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
 ; FILE REFERENCE: MHB00-884-C  
 ; CURRENT APPLICATION NUMBER: US/09/479,005A  
 ; CURRENT FILING DATE: 2000-01-07  
 ; PRIOR APPLICATION NUMBER: US 09/444,209  
 ; PRIOR FILING DATE: 1999-11-19  
 ; PRIOR APPLICATION NUMBER: US 09/159,274  
 ; PRIOR FILING DATE: 1998-09-22  
 ; PRIOR APPLICATION NUMBER: US 60/059,473  
 ; PRIOR FILING DATE: 1997-09-22  
 ; NUMBER OF SEQ ID NOS: 1208  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 110  
 ; LENGTH: 16  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-479-005A-110

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
 Best Local Similarity 81.2%; Pred. No. 6.8e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 477 CTGGCATTCTCAGG 492  
 Db 16 CTTTACATTCAGG 1

RESULT 1124  
 US-09-479-005A-132  
 ; Sequence 132, Application US/09479005A  
 ; Patent No. 6656731  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
 ; FILE REFERENCE: MHB00-884-C  
 ; CURRENT APPLICATION NUMBER: US/09/479,005A  
 ; CURRENT FILING DATE: 2000-01-07  
 ; PRIOR APPLICATION NUMBER: US 09/444,209  
 ; PRIOR FILING DATE: 1999-11-19  
 ; PRIOR APPLICATION NUMBER: US 09/159,274  
 ; PRIOR FILING DATE: 1998-09-22  
 ; PRIOR APPLICATION NUMBER: US 60/059,473  
 ; PRIOR FILING DATE: 1997-09-22  
 ; NUMBER OF SEQ ID NOS: 1208  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 132  
 ; LENGTH: 16  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-479-005A-132

Query Match 1.3%; Score 11.2; DB 1; Length 16;  
 Best Local Similarity 56.2%; Pred. No. 6.8e+02;  
 Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 903 TATTTTAAGTGAAG 918  
 Db 1 UAUAAUAAUUGAAAG 16

```

RESULT 1125
US-09-479-005A-157/c
; Sequence 157, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 157
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-157

Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 394 GCACACACCCCTGCT 409
DB 16 GCACACAGTCCATGCT 1

RESULT 1126
US-09-479-005A-158/c
; Sequence 158, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 158
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-158

Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 392 GGGCACACACCCCTG 407
DB 16 GGGCACAGTCCATG 1

RESULT 1127
US-09-479-005A-168
; Sequence 168, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 168
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-168

Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 270 ACCTTCAGAAAGTTGT 285
DB 16 ATCTTCAGATAGTTT 1

RESULT 1129
US-09-866-108A-2231
; Sequence 2231, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

```

; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aeonica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 2231  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-2231

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTAATTGGAG 504  
 ||||| ||||| ||||| ||||| |||||  
 DB 2 CAGGGTCTCAGTGGAG 17

RESULT 1130  
 US-09-866-108A-2232/c  
 ; Sequence 2232, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; PRIOR FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aeonica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 2232  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-2232

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTCATTGAGTCTCTG 890  
 ||||| ||||| ||||| ||||| |||||  
 DB 16 CTCACGTGACACCTG 1

RESULT 1131  
 US-08-373-124A-416/c  
 ; Sequence 416, Application US/08373124A  
 ; Patent No. 5646042  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Jarvis, Thale  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES  
 ; NUMBER OF SEQUENCES: 2627  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 416:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs

```
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-416

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

761 GATGGCAGAACTGGAG 776
16 GCTGGCAGAGATGGAG 1

RESULT 1132
US-08-435-628-416/c
; Sequence 416, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 416:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-416

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

761 GATGGCAGAACTGGAG 776
16 GCTGGCAGAGATGGAG 1

RESULT 1133
US-07-621-670-10/C
; Sequence 10, Application US/07621670
; Patent No. 5254801
; GENERAL INFORMATION:
; APPLICANT: Dotson, Stanton B.
; TITLE OF INVENTION: Heterologous Dominant Conditional Lethal
; TITLE OF INVENTION: Genes and Use Thereof
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis R. Hoerner, Jr. Monsanto Co. B84F
; STREET: 700 Chesterfield Village Parkway
; CITY: St. Louis
; STATE: Missouri
; COUNTRY: USA
; ZIP: 63198
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/621,670
; FILING DATE: 19901203
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Hoerner Jr., Dennis R.
; REGISTRATION NUMBER: 30,914
; REFERENCE/DOCKET NUMBER: 38-21(10523)A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314)537-6099
; TELEFAX: (314)537-6047
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-07-621-670-10

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

445 AGCCAGATGCCTTC 458
14 AGCCARATRTCVC 1

RESULT 1134
US-08-180-209B-13
; Sequence 13, Application US/08180209B
; Patent No. 5593877
; GENERAL INFORMATION:
; APPLICANT: King, Te-Piao
; TITLE OF INVENTION: CLONING AND RECOMBINANT PRODUCTION OF
; TITLE OF INVENTION: VESPID VENOM ENZYMES, SUCH AS PHOSPHOLIPASE AND
; TITLE OF INVENTION: HYALURONIDASE, AND IMMUNOLOGICAL THERAPIES BASED
; TITLE OF INVENTION: THEREON
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
```

STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/180,209B  
FILING DATE: 11-JAN-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/031,400  
FILING DATE: 11-NAR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-074 CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-180-209B-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 CAGAAGACGCTCTGCG 379  
DB 2 CATAAGACGCTCTGAC 17

RESULT 1135  
US-08-216-276A-13  
Sequence 13, Application US/08216276A  
Patent No. 5595912  
GENERAL INFORMATION:  
APPLICANT: VAKHARIA, VIKRAM  
TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES  
TITLE OF INVENTION: ASSOCIATED WITH US 180V VARIANTS, VECTOR CARRYING DNA  
TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID  
TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
ADDRESS: P.C.  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/216,276A  
FILING DATE: 23-NAR-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/083,784  
FILING DATE: 28-JUN-1993

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/519,202  
FILING DATE: 04-MAY-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/227,311  
FILING DATE: 02-AUG-1988  
ATTORNEY/AGENT INFORMATION:  
NAME: Kelber, Steven B.  
REGISTRATION NUMBER: 30,073  
REFERENCE/DOCKET NUMBER: 2747-054-27 CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: Infectious bursal disease virus  
US-08-216-276A-13  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 491 GGATCTAATTGGAGAT 506  
DB 2 GGATCCAATTGGCAT 17

RESULT 1136  
US-08-385-745-13  
Sequence 13, Application US/08385745  
Patent No. 5612209  
GENERAL INFORMATION:  
APPLICANT: King, Te Piao  
TITLE OF INVENTION: Cloning and Recombinant Production of  
TITLE OF INVENTION: Vespid Venom Phospholipases, and Immunological Therapies  
TITLE OF INVENTION: Based Thereon  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/385,745  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/031,400  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mistrock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 3288-020  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212 790-9090  
TELEFAX: 212 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-385-745-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 CAGAGAGCGTCTGC 379  
|||  
Db 2 CATAAGAGCCTCTGAC 17

RESULT 1137  
US-08-390-850-590/c  
; Sequence 590, Application US/08390850  
; Patent No. 5612215

GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390,850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 590:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-590

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 TTCCTGGGTCCGCG 216  
|||  
Db 17 TTCTGGGTAACGCG 2

## RESULT 1138

US-08-390-850-613/c  
; Sequence 613, Application US/08390850  
; Patent No. 5612215

GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390,850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 613:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-613

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 307 TGCATGGGAAGACTG 322  
|||  
Db 17 TGCTGGGAAGCCTG 2

## RESULT 1139

US-08-390-850-614/c  
; Sequence 614, Application US/08390850  
; Patent No. 5612215  
; GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/882,838E  
FILING DATE: May 14, 1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kathryn Leary  
REGISTRATION NUMBER: 36,317  
REFERENCE/DOCKET NUMBER: DFCI-0001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-882-838E-12

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 307 TGCATGGGAAGACTG 322  
Db 16 TGCTGTGGGAAGCCTG 1

RESULT 1140  
US-07-882-838E-12/c  
Sequence 12, Application US/07/882838E  
Patent No. 5616461  
GENERAL INFORMATION:  
APPLICANT: Priscilla A. Schaffer  
APPLICANT: Christine E. Dabrowski Anaral  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF VIRUS INFECTIONS  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn  
STREET: One Liberty Place  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/882,838E  
FILING DATE: May 14, 1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kathryn Leary  
REGISTRATION NUMBER: 36,317  
REFERENCE/DOCKET NUMBER: DFCI-0001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-882-838E-12

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 776 GAGAGAGTGAGCGC 791  
Db 17 GACGAGTGCGAGCGC 2

RESULT 1141  
US-08-373-124A-408  
Sequence 408, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 408:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-373-124A-408

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 886 TCTGCATGTGAGAC 901  
 Db 2 UCCGUUUGGAGAC 17

# RESULT 1142

US-08-373-124A-412/C  
 Sequence 412, Application US/08373124A  
 Patent No. 5646042  
 GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwiggen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TITL OF INVENTION: TREATMENT OF RESTENOSIS AND  
 TITLE OF INVENTION: CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 532:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-373-124A-532

TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 412:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-373-124A-412

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 323 CAGAGAAGCTGTGGAG 338  
 Db 17 CAGAGATGGAGTGGAG 2

# RESULT 1143

US-08-373-124A-532  
 Sequence 532, Application US/08373124A  
 Patent No. 5646042  
 GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwiggen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TITL OF INVENTION: TREATMENT OF RESTENOSIS AND  
 TITLE OF INVENTION: CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 532:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-373-124A-532



Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 463 AAGAGCTCAGAGACT 478  
 DB 2 AAGCUCUCAGAGACU 17

RESULT 1144

US-08-373-124A-1022  
 ; Sequence 1022, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1022:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-1022

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 337 AGCACTTGTGTCAG 352  
 DB 2 AGAAACUUGUGUAG 17

RESULT 1145

US-08-373-124A-1156

; Sequence 1156, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1156:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-1156

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 25.0%; Pred. No. 7.5e+02;  
 Matches 4; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 935 GTTTTGTATTAGT 950  
 DB 1 GUUUUUUUGAGUGU 16

RESULT 1146

US-08-373-124A-1168

; Sequence 1168, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

```

; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1168:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1168

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Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 7.5e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 515 TTGGCATTGGAGT 530
Db 1 UUUUAAUUUGGAGU 16

```

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RESULT 1147
; US-08-373-124A-1235/c
; Sequence 1235, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700

```

```

; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1235:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1235

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 816 GGTACTGTGGTCTG 831
Db 16 GCTACTGTAGATCTG 1

RESULT 1148
; US-08-373-124A-1445
; Sequence 1445, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

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SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 1459:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-1459

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Cy 886 TCTGTCATGTGAGAAC 901  
Db 2 UCCUGUUGGAGAAC 17

RESULT 1150  
US-08-373-124A-2421  
Sequence 2421, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:

SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 1445:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-1445

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Cy 873 AACTCCATGTAGTCC 888  
Db 1 ACCUCAUUGGAGACC 16

RESULT 1149  
US-08-373-124A-1459  
Sequence 1459, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2421:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2421

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 463 AAGAGCTCCAGGAAGT 478  
Db 2 AAGCUCCAGAACU 17

RESULT 1151

US-08-435-634-590/c  
Sequence 590, Application US/08435634  
Patent No. 5731295

GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,634  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/390,850  
FILING DATE: February 17, 1995  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5731295, September 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 590:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
US-08-435-634-590

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 TTCCTGGGTTCCAGC 216  
Db 17 TTCCTGGGTACCAGC 2

RESULT 1152

US-08-435-634-613/c  
Sequence 613, Application US/08435634  
Patent No. 5731295

GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,634  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/390,850  
FILING DATE: February 17, 1995  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5731295, September 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 613:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 307 TGCATGGGAAGACTG 322

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TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 408:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-408

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 7.5e-02;  
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 886 TCCTGATGTGAGAAC 901  
Db 2 UCCUGUUGGAGAAC 17

RESULT 1158  
US-08-435-628-412/c  
Sequence 412, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 412:  
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-412

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.3%; Pred. No. 7.5e-02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 323 CAGAGAGCTGTGGAG 338  
Db 17 CAGAGATGGAGTGAG 2

RESULT 1159  
US-08-435-628-532  
Sequence 532, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 532:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-532

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 463 AAGAGCTCCAGGAAGT 478  
 Db 2 AAGCUCUCCAGGAACU 17

RESULT 1160  
 US-08-435-628-1022  
 ; Sequence 1022, Application US/08435628  
 ; Patent No. 5817796  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Jarvis, Thale  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES  
 ; NUMBER OF SEQUENCES: 2627  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/435,628  
 ; FILING DATE: 05-MAY-1995  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/373,124  
 ; FILING DATE: January 13, 1995  
 ; APPLICATION NUMBER: 08/245,466  
 ; FILING DATE: May 18, 1994  
 ; APPLICATION NUMBER: 08/192,943  
 ; FILING DATE: February 7, 1994  
 ; APPLICATION NUMBER: 07/987,132  
 ; FILING DATE: December 7, 1992  
 ; APPLICATION NUMBER: 07/936,422  
 ; FILING DATE: August 26, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 209/035  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 1022:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear

US-08-435-628-1022

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 337 AGCAACTTGTCGACG 352  
 ||| |||: |||: |||

Db 2 AGAAACUUGGUGUAG 17

RESULT 1161  
 US-08-435-628-1156  
 ; Sequence 1156, Application US/08435628  
 ; Patent No. 5817796  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Jarvis, Thale  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES  
 ; NUMBER OF SEQUENCES: 2627  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/435,628  
 ; FILING DATE: 05-MAY-1995  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/373,124  
 ; FILING DATE: January 13, 1995  
 ; APPLICATION NUMBER: 08/245,466  
 ; FILING DATE: May 18, 1994  
 ; APPLICATION NUMBER: 08/192,943  
 ; FILING DATE: February 7, 1994  
 ; APPLICATION NUMBER: 07/987,132  
 ; FILING DATE: December 7, 1992  
 ; APPLICATION NUMBER: 07/936,422  
 ; FILING DATE: August 26, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 209/035  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 1156:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear

US-08-435-628-1156  
 Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 25.0%; Pred. No. 7.5e+02;  
 Matches 4; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 935 GTTTGTTTATGAGT 950  
 Db 1 GUUUGUUGUAGUGU 16

RESULT 1162  
 US-08-435-628-1168  
 ; Sequence 1168, Application US/08435628



Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1168:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1168  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 37.5%; Pred No. 7 se+02;  
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;  
Qy 515 TTGGCAATTGGAGT 530  
Db 1 UUUUAAUUUGGAGU 16  
RESULT 1163  
US-08-435-628-1235/c  
Sequence 1235, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1168:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1168

Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1235:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1235  
Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred No. 7 se+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 816 GGTACTGTGGTGCTG 831  
Db 16 GCTACTGTAGTGTG 1  
RESULT 1164  
US-08-435-628-1445  
Sequence 1445, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1235:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1235

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; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1445:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-1445
;
; Query Match 1.3%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 62.5%; Pred. No. 7.5e-02;
; Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
;
; QY 873 AACTCCATTGAGGTCC 888
; Db 1 ACCUCCAUUGGAGACC 16
;
; RESULT 1165
; US-08-435-628-1459
; Sequence 1459 Application US/08/435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1459:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-1459
;
; Query Match 1.3%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 62.5%; Pred. No. 7.5e-02;
; Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
;
; QY 886 TCCTGCATGTGAGAAC 901
; Db 2 UCCUUGGAGAAC 17
;
; RESULT 1166
; US-08-435-628-2421
; Sequence 2421 Application US/08/435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2421:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2421

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 463 AAGAGCTCCAGGACT 478
DB 2 AAGCUCUCCAGAGACU 17

RESULT 1167
US-08-541-950B-17
; Sequence 17, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9
; OTHER INFORMATION: N is 2'-deoxythymidine
; US-08-541-950B-18

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
DB 1 AGCCAGANUUGAGCAGC 17

RESULT 1168
US-08-541-950B-18
; Sequence 18, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9
; OTHER INFORMATION: N is 2'-deoxythymidine
; US-08-541-950B-18

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
DB 1 AGCCAGANUUGAGCAGC 17
```



STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: synthetic RNA  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 9  
OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine  
US-08-541-950B-21

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729  
||||| : : : :  
DB 1 AGCCAGAUNUGAGCAGC 17

RESULT 1172  
US-08-541-950B-22  
Sequence 22, Application US/08541950B  
Patent No. 5821046  
GENERAL INFORMATION:  
APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C  
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center, 45th Floor  
CITY: Boston  
STATE: MA  
ZIP: 02111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/541,950B  
FILING DATE: 10/10/95  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/960,370  
FILING DATE: 03/19/93  
ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph.D., Kathleen M.  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-OL11AX)  
TELEPHONE: (617) 345-9100  
TELEFAX: (617) 345-9111  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: synthetic RNA  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 10  
OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine  
US-08-541-950B-22

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729  
||||| : : : :  
DB 1 AGCCAGAUNUGAGCAGC 17

RESULT 1173

US-08-292-620A-1651  
Sequence 1651, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1651:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1651

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 37.5%; Pred. No. 7.5e+02;  
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTGTTTATGATCA 952  
::: : : : : : : :  
DB 2 UUCUUCACGAGUCA 17

RESULT 1174  
US-08-292-620A-1854  
Sequence 1854, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994

CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1854:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
US-08-292-620A-1854

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 37.5%; Pred. No. 7.5e+02;  
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTTTATGAGTCA 952  
Db 2 UUCUUCACGAGUCA 17

RESULT 1175  
US-08-292-620A-1896  
Sequence 1896, Application US/08292620A  
Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A

FILING DATE: August 17, 1994  
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1896:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
US-08-292-620A-1896

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 37.5%; Pred. No. 7.5e+02;  
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTTTATGAGTCA 952  
Db 2 UUCUUCACGAGUCA 17

RESULT 1176  
US-08-292-620A-1995  
Sequence 1995, Application US/08292620A  
Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700

CITY: Los Angeles  
STATE: California

```

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1995:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1995

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 7.5e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTTGTTTATGAGTCA 952
DB 2 UUUUUUCCAGAGUCA 17

RESULT 1177
US-08-404-531B-14
Sequence 14, Application US/08404531B
Patent No. 5863724
GENERAL INFORMATION:
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
APPLICANT: Thomas, Gilbert Cote, and Robert Gagel
TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonyleurea Receptor
Patent No. 5863724
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
STREET: One Liberty Place 46th. Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/404,531B
FILING DATE: 15-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.

```

STRANDEDNESS: Unknown  
 TOPOLOGY: Unknown  
 MOLECULE TYPE: CDNA  
 US-08-429-054A-34

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 290 ACTGTAGTCGGGCC 305  
 |||||  
 Db 2 ACGTGTAGTCGGGTC 17

## RESULT 1179

US-08-856-141-13  
 ; Sequence 13, Application US/08856141  
 ; Patent No. 5948616

GENERAL INFORMATION:

APPLICANT: CHAO, LEE

APPLICANT: CHAO, JULIE

TITLE OF INVENTION: METHODS AND COMPOSITIONS OF

TITLE OF INVENTION: CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH

TITLE OF INVENTION: ESSENTIAL HYPERTENSION

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: NEEDLE & ROSENBERG, P.C.

STREET: Suite 1200, 127 Peachtree Street, NE

CITY: Atlanta

STATE: GA

COUNTRY: USA

ZIP: 30303

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/856,141

FILING DATE: 14-MAY-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Miller, Mary L

REGISTRATION NUMBER: 39,303

REFERENCE/DOCKET NUMBER: 19070.0045

TELECOMMUNICATION INFORMATION:

TELEPHONE: 404/688-0770

TELEFAX: 404/688-9880

TELEX:

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-856-141-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 763 TGCAGAGTGGAGAA 778  
 |||||  
 Db 1 TGCAGAGTGGGAA 16

## RESULT 1180

US-08-476-900A-14

; Sequence 14, Application US/08476900A

; Patent No. 6031150

GENERAL INFORMATION:

APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson

TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor

Patent No. 6031150

TITLE OF INVENTION: and Method of Detecting Persistent Hyperinsulinemic Hypoglycemia

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &

ADDRESSEE: No. 6031150

STREET: One Liberty Place 46th. Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA: US/08/476,900A

APPLICATION NUMBER: US/08/476,900A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: Beardell, Lori Y.

REGISTRATION NUMBER: 34,293

REFERENCE/DOCKET NUMBER: BYLR-0027

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: nucleic acid

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-476-900A-14

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 347 TGCAGCGCCAACTG 362  
 |||||  
 Db 1 TGACATGCCCAACTG 16

## RESULT 1181

US-08-488-546A-14

; Sequence 14, Application US/08488546A

Patent No. 6054313

GENERAL INFORMATION:

APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela

APPLICANT: Thomas, Gilbert Cole, and Robert Gagel

TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor

Patent No. 6054313

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &

ADDRESSEE: No. 6054313

STREET: One Liberty Place 46th. Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS



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; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/488,546A
; APPLICATION NUMBER: US/08/488,546A
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/404,531
; FILING DATE: 15-MARCH-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0026
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-488-546A-14

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```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 347 TGCCAGGCGCCAACTG 362
DB 1 TGACATGCCCAACTG 16

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RESULT 1182
US-08-985-162-144/c
; Sequence 144, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/036,476
; APPLICATION NUMBER: 32,327
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327

```

```

; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-144

```

```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 677 CACGATGGATCTGCA 692
DB 17 CACTGATGGAGGTGCA 2

```

```

RESULT 1183
US-08-985-162-150
; Sequence 150, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-150

```

```

Query Match 1.3%; Score 11.2; DB 1; Length 17;

```

Best Local Similarity 50.0%; Pred. No. 7.5e+02;  
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Oy 517 TGGCATTGGGAGTCA 532  
Db 2 UGGCAUUUAGGGUGA 17

RESULT 1184  
US-08-985-162-151  
; Sequence 151, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 151:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-985-162-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 7.5e+02;  
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;  
Oy 517 TGGCATTGGGAGTCA 532  
Db 1 UGGCAUUUAGGGUGA 16  
RESULT 1185  
US-08-985-162-294  
; Sequence 294, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 151:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-985-162-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 7.5e+02;  
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Oy 517 TGGCATTGGGAGTCA 532  
Db 1 UGGCAUUUAGGGUGA 16

RESULT 1186  
US-08-985-162-304  
; Sequence 304, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.

APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 294:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-294

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
Oy 415 AGGCTCTCCGGTGCC 430  
Db 1 AUGCCCUUGCGUGCC 16

RESULT 1186  
US-08-985-162-304  
; Sequence 304, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 294:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-985-162-294

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Oy 415 AGGCTCTCCGGTGCC 430  
Db 1 AUGCCCUUGCGUGCC 16

RESULT 1186  
US-08-985-162-304  
; Sequence 304, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.

ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 304:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-304

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTAATGGAG 504  
DB 1 CAUGAACUACUGGAG 16

RESULT 1187  
US-08-985-162-644/c  
Sequence 644, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 644:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-644

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 317 AGACTGCAGAGAGCT 332  
DB 17 AGATTTCAGACGACT 2

RESULT 1188  
US-08-985-162-734/c  
Sequence 734, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 734:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-985-162-734

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 GAGAACGCTATTTAAG 911  
||| |||||  
Db 16 GAGAAATTATTTAGG 1

RESULT 1189

US-08-945-654-4  
; Sequence 4, Application US/08945654  
; Patent No. 6071747  
; GENERAL INFORMATION:  
; APPLICANT: IMMORTALIZED CELL LINES FROM HUMAN  
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS  
; TITLE OF INVENTION: THEREOF.  
; NUMBER OF SEQUENCES: 22  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA: US/08/945,654  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA: FR 9504922  
; FILING DATE: 25-APR-1995  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "PRIMER"  
US-08-945-654-4

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGC 414  
||| |||||  
Db 1 CCCATCCTGCTCCACC 16

RESULT 1190

US-08-998-099-56  
; Sequence 56, Application US/08998099A  
; Patent No. 6103890  
; GENERAL INFORMATION:  
; APPLICANT: JARVIS, THALE  
; APPLICANT: MCSWIGGEN, JAMES A.  
; APPLICANT: STINCHCOMB, DAN T.  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
; FILE REFERENCE: 231/175  
; CURRENT APPLICATION NUMBER: US/08/998,099A  
; CURRENT FILING DATE: 1997-12-24  
; EARLIER APPLICATION NUMBER: 60/037,658  
; EARLIER FILING DATE: 1997-01-23  
; EARLIER APPLICATION NUMBER: 08/373,124  
; EARLIER FILING DATE: 1995-01-13  
; EARLIER APPLICATION NUMBER: 08/245,466  
; EARLIER FILING DATE: 1994-05-18  
; NUMBER OF SEQ ID NOS: 375  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 56

; SEQ ID NO 56  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-08-998-099-56

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 523 TTGGAGTCAACGCC 538  
:: |||||: |||||  
Db 1 UUCGGAGUCCCGCCC 16

RESULT 1191

US-08-998-099-65  
; Sequence 65, Application US/08998099A  
; Patent No. 6103890  
; GENERAL INFORMATION:  
; APPLICANT: JARVIS, THALE  
; APPLICANT: MCSWIGGEN, JAMES A.  
; APPLICANT: STINCHCOMB, DAN T.  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
; FILE REFERENCE: 231/175  
; CURRENT APPLICATION NUMBER: US/08/998,099A  
; CURRENT FILING DATE: 1997-12-24  
; EARLIER APPLICATION NUMBER: 60/037,658  
; EARLIER FILING DATE: 1997-01-23  
; EARLIER APPLICATION NUMBER: 08/373,124  
; EARLIER FILING DATE: 1995-01-13  
; EARLIER APPLICATION NUMBER: 08/245,466  
; EARLIER FILING DATE: 1994-05-18  
; NUMBER OF SEQ ID NOS: 375  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 65  
; LENGTH: 17  
; TYPE: ENA  
; ORGANISM: Homo sapiens  
US-08-998-099-65

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 213 CAGCCCTCTCCAGAG 228  
||| :|||  
Db 2 CAGUUAUCCAGAG 17

RESULT 1192

US-08-998-099-77/C  
; Sequence 77, Application US/08998099A  
; Patent No. 6103890  
; GENERAL INFORMATION:  
; APPLICANT: JARVIS, THALE  
; APPLICANT: MCSWIGGEN, JAMES A.  
; APPLICANT: STINCHCOMB, DAN T.  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
; FILE REFERENCE: 231/175  
; CURRENT APPLICATION NUMBER: US/08/998,099A  
; CURRENT FILING DATE: 1997-12-24  
; EARLIER APPLICATION NUMBER: 60/037,658  
; EARLIER FILING DATE: 1997-01-23  
; EARLIER APPLICATION NUMBER: 08/373,124  
; EARLIER FILING DATE: 1995-01-13  
; EARLIER APPLICATION NUMBER: 08/245,466  
; EARLIER FILING DATE: 1994-05-18  
; NUMBER OF SEQ ID NOS: 375  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 77

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-77

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAAGAGCTCCAG 473
DB 17 CCAGGATGAAGTCTAG 2

RESULT 1193
US-08-998-099-78/c
; Sequence 78, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 78
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-78

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAAGAGCTCCAG 473
DB 16 CCAGGATGAAGTCTAG 1

RESULT 1194
US-08-998-099-79/c
; Sequence 79, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 17
```

```
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-79

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 455 CTTCAGGAAGAGCTC 470
DB 16 CTGCAGGATGACTC 1

RESULT 1195
US-08-998-099-95/c
; Sequence 95, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 95
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-95

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 749 GGTCCTTAAGGAGATG 764
DB 16 GGTCAATGAGGAGAGG 1

RESULT 1196
US-083-756A-17
; Sequence 17, Application US/09083756A
; Patent No. 6114109
; GENERAL INFORMATION:
; APPLICANT: Kain J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/083,756A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/541,950
```

FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Williams, Ph.D., Kathleen M.  
 REGISTRATION NUMBER: 34,380  
 REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 345-9100  
 TELEFAX: (617) 345-9111  
 INFORMATION FOR SEQ ID NO: 17:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: synthetic RNA  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: 8  
 OTHER INFORMATION: N is 2'-deoxythymidine  
 US-09-083-756A-17

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 64.7%; Pred. No. 7.5e+02;  
 Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729  
 DB 1 AGCCAGAUUGAGCAGC 17

RESULT 1197  
 US-09-083-756A-18  
 Sequence 18, Application US/09083756A  
 Patent No. 6114109  
 GENERAL INFORMATION:  
 APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C  
 TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
 NUMBER OF SEQUENCES: 26  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Banner & Witcoff, Ltd.  
 STREET: One Financial Center, 45th Floor  
 CITY: Boston  
 STATE: MA  
 ZIP: 02111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: WordPerfect 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/083,756A  
 FILING DATE:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/541,950  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Williams, Ph.D., Kathleen M.  
 REGISTRATION NUMBER: 34,380  
 REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 345-9100  
 TELEFAX: (617) 345-9111  
 INFORMATION FOR SEQ ID NO: 18:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: synthetic RNA  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: 9  
 OTHER INFORMATION: N is 2'-deoxythymidine

US-09-083-756A-18

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 64.7%; Pred. No. 7.5e+02;  
 Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729  
 DB 1 AGCCAGAUUGAGCAGC 17

RESULT 1198  
 US-09-083-756A-19  
 Sequence 19, Application US/09083756A  
 Patent No. 6114109  
 GENERAL INFORMATION:  
 APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C  
 TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
 NUMBER OF SEQUENCES: 26  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Banner & Witcoff, Ltd.  
 STREET: One Financial Center, 45th Floor  
 CITY: Boston  
 STATE: MA  
 ZIP: 02111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: WordPerfect 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/083,756A  
 FILING DATE:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/541,950  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Williams, Ph.D., Kathleen M.  
 REGISTRATION NUMBER: 34,380  
 REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 345-9100  
 TELEFAX: (617) 345-9111  
 INFORMATION FOR SEQ ID NO: 19:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: synthetic RNA  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: 10  
 OTHER INFORMATION: N is 2'-deoxythymidine

US-09-083-756A-19

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 64.7%; Pred. No. 7.5e+02;  
 Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729  
 DB 1 AGCCAGAUUGAGCAGC 17

RESULT 1199  
 US-09-083-756A-20  
 Sequence 20, Application US/09083756A  
 Patent No. 6114109  
 GENERAL INFORMATION:  
 APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C  
 TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION  
 NUMBER OF SEQUENCES: 26

```
/
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff, Ltd.
/ STREET: One Financial Center, 45th Floor
/ CITY: Boston
/ STATE: MA
/ ZIP: 02111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 6.1
/ CURRENT APPLICATION DATA:
/ FILING DATE:
/ APPLICATION NUMBER: US/09/083,756A
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/541,950
/ FILING DATE:
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Ph.D., Kathleen M.
/
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 345-9100
/ TELEFAX: (617) 345-9111
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: synthetic RNA
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 8
/ OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
/
/ US-09-083-756A-20
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
/ Best Local Similarity 64.7%; Pred. No. 7.5e+02;
/ Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
/
/ QY 713 AGCCAAATTCAGGAGC 729
/ Db 1 AGCCAGANUGAGCAGC 17
/
/ RESULT 1200
/ US-09-083-756A-21
/ Sequence 21, Application US/09083756A
/ Patent No. 6114109
/ GENERAL INFORMATION:
/ APPLICANT: Karm J, Gait MJ, Heaphy S, Dingwall C
/ TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff, Ltd.
/ STREET: One Financial Center, 45th Floor
/ CITY: Boston
/ STATE: MA
/ ZIP: 02111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 6.1
/ CURRENT APPLICATION DATA:
/ FILING DATE:
/ APPLICATION NUMBER: US/09/083,756A
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/541,950
/ FILING DATE:
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Ph.D., Kathleen M.
```

```
/
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 345-9100
/ TELEFAX: (617) 345-9111
/ INFORMATION FOR SEQ ID NO: 21:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: synthetic RNA
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 9
/ OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
/
/ US-09-083-756A-21
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
/ Best Local Similarity 64.7%; Pred. No. 7.5e+02;
/ Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
/
/ QY 713 AGCCAAATTCAGGAGC 729
/ Db 1 AGCCAGANUGAGCAGC 17
/
/ RESULT 1201
/ US-09-083-756A-22
/ Sequence 22, Application US/09083756A
/ Patent No. 6114109
/ GENERAL INFORMATION:
/ APPLICANT: Karm J, Gait MJ, Heaphy S, Dingwall C
/ TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff, Ltd.
/ STREET: One Financial Center, 45th Floor
/ CITY: Boston
/ STATE: MA
/ ZIP: 02111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 6.1
/ CURRENT APPLICATION DATA:
/ FILING DATE:
/ APPLICATION NUMBER: US/09/083,756A
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/541,950
/ FILING DATE:
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Ph.D., Kathleen M.
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 345-9100
/ TELEFAX: (617) 345-9111
/ INFORMATION FOR SEQ ID NO: 22:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: synthetic RNA
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 10
/ OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
/
/ US-09-083-756A-22
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
```

Best Local Similarity 64.7%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAC 729  
Db 1 AGCCAGAUNGACGAC 17

## RESULT 1202

US-09-071-845-1651  
; Sequence 1851, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1651:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-071-845-1651

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 37.5%; Pred. No. 7.5e+02;

Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTTTTATGAGTCA 952

Db 2 UUUCUUUCAGAGUCA 17

Result 1204

US-09-071-845-1896

; Sequence 1896, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

## RESULT 1203

US-09-071-845-1854

; Sequence 1854, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1854:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-071-845-1854

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 37.5%; Pred. No. 7.5e+02;

Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTTTTATGAGTCA 952

Db 2 UUUCUUUCAGAGUCA 17

## RESULT 1204

US-09-071-845-1896

; Sequence 1896, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm



APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1896:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-1896

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 37.5%; Pred. No. 7.5e+02;  
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTTTATGATCA 952  
Db 2 UUUUUUACGAGUCA 17

RESULT 1205  
US-09-071-845-1995  
Sequence 1995, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1995:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-1995

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 37.5%; Pred. No. 7.5e+02;  
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTTTATGATCA 952  
Db 2 UUUUUUACGAGUCA 17

RESULT 1206  
US-08-834-497A-49  
Sequence 49, Application US/08834497A  
Patent No. 6140305  
GENERAL INFORMATION:  
APPLICANT: Thomas, Winston J.  
APPLICANT: Drayna, Dennis T.  
APPLICANT: Feder, John N.  
APPLICANT: Gnirke, Andreas  
APPLICANT: Ruddy, David  
APPLICANT: Tsuchihashi, Zenta  
APPLICANT: Wolff, Roger K.  
TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS  
NUMBER OF SEQUENCES: 76  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA

```
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FASTSQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,497A
FILING DATE: 04-APR-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/632,673
FILING DATE: 16-APR-1996
CLASSIFICATION: 514
APPLICATION NUMBER: US 08/630,912
FILING DATE: 04-APR-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 728,462
REFERENCE/DOCKET NUMBER: 8907-0056-999
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-834-497A-49

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      823 TGGTGCTGTAAGCTGG 838
DB      1 TGGTGCTCCACCTGG 16

RESULT 1207
US-08-937-063-17
; Sequence 17, Application US/08937063
; Patent No. 6187534
; GENERAL INFORMATION:
; APPLICANT: STROM, TERRY B.
; APPLICANT: VASCONCELLOS, LAURO
; APPLICANT: SUTHANTHIRAN, MANIKKAM
; TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT
; TITLE OF INVENTION: REJECTION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS
; STREET: TWO MILITIA DRIVE
; CITY: LEXINGTON
; STATE: MASSACHUSETTS
; COUNTRY: UNITED STATES
; ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/937,063
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```
FILING DATE: 24-SEP-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GRANAHAN, PATRICIA
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: BIDMC97-01
TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-937-063-17

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      172 CCGCTGACAGTCACAG 187
DB      1 CCGCTCAGCTCACAG 16

RESULT 1208
US-09-156-828B-10
; Sequence 10, Application US/09156828B
; Patent No. 6238917
; GENERAL INFORMATION:
; APPLICANT: Hendry, Philip
; APPLICANT: McCall, Maxine J.
; TITLE OF INVENTION: ASYMMETRIC HAMMERHEAD RIBOZYMES
; FILE REFERENCE: 50534bp
; CURRENT APPLICATION NUMBER: US/09/156,828B
; CURRENT FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: PCT/AU97/00210
; PRIOR FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ribozymes and Portions thereof
US-09-156-828B-10

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 7.5e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      521 ATTGGGAGTCAACGC 536
DB      1 AUUUGGAGUCCACAC 16

RESULT 1209
US-08-485-398-13
; Sequence 13, Application US/08485388
; Patent No. 6270763
; GENERAL INFORMATION:
; APPLICANT: King, Te Piao
; TITLE OF INVENTION: Cloning and Recombinant Production of
; TITLE OF INVENTION: Vespid Venom Phospholipases, and Immunological Therapies
; TITLE OF INVENTION: Based Thereon
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
```

```

; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/485,388
; APPLICATION NUMBER: 08/485,388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/385,745
; FILING DATE: 08-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/031,400
; FILING DATE: 11-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-074 FWCA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-485-388-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 CAGAAGAGCGTCTGGC 379
Db 2 CATAAGAGCGCTCTGAC 17

RESULT 1210
US-08-474-853-13
; Sequence 13, Application US/08474853
; Patent No. 6287559
; GENERAL INFORMATION:
; APPLICANT: King, Te-Piao
; TITLE OF INVENTION: CLONING AND RECOMBINANT PRODUCTION OF
; TITLE OF INVENTION: VESPID VENOM ENZYMES, SUCH AS PHOSPHOLIPASE AND
; TITLE OF INVENTION: HYALURONIDASE, AND IMMUNOLOGICAL THERAPIES BASED THEREON
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,853
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/180,209

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```

; FILING DATE: 11-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/031,400
; FILING DATE: 11-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-074 CIPB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-474-853-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 CAGAAGAGCGTCTGGC 379
Db 2 CATAAGAGCGCTCTGAC 17

RESULT 1211
US-09-017-974-79
; Sequence 79, Application US/09017974
; Patent No. 6288042
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hagan, Michael E.
; APPLICANT: Wallace, Thomas L.
; APPLICANT: Cossum, Paul A.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Tetrad Forming Oligonucleotides
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tavon, P.C.
; STREET: 600 Travis, Suite 1800
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/017,974
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/037,374
; FILING DATE: 04-FEB-97
; APPLICATION NUMBER:
; FILING DATE: 09-DEC-97
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06223
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:

```

; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 US-09-017-974-79

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGACGTG 614  
 |||||  
 Db 1 GTGGCGGTGGGTGG 16

## RESULT 1212

US-09-017-974-81  
 ; Sequence 81, Application US/09017974  
 ; Patent No. 6288042

## GENERAL INFORMATION:

; APPLICANT: Rando, Robert F.  
 ; APPLICANT: Ojwang, Joshua O.  
 ; APPLICANT: Hogan, Michael E.  
 ; APPLICANT: Wallace, Thomas L.  
 ; APPLICANT: Cossum, Paul A.  
 ; TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
 ; TITLE OF INVENTION: Tetrad Forming Oligonucleotides  
 ; NUMBER OF SEQUENCES: 88  
 ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Conley, Rose & Tayon, P.C.  
 ; STREET: 600 Travis, Suite 1800  
 ; CITY: Houston  
 ; STATE: Texas  
 ; COUNTRY: U.S.A.  
 ; ZIP: 77002-2912

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: MS Word 97 (saved as .txt file)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/017,974  
 ; FILING DATE:

## CLASSIFICATION:

; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 60/037,374  
 ; FILING DATE: 04-FEB-97  
 ; APPLICATION NUMBER:  
 ; FILING DATE: 09-DEC-97  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: McDaniel, C. Steven  
 ; REGISTRATION NUMBER: 33,962  
 ; REFERENCE/DOCKET NUMBER: 1472-06223  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 713/238-8010  
 ; TELEFAX: 713/238-8008

; INFORMATION FOR SEQ ID NO: 81:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 US-09-017-974-81

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGACGTG 614  
 |||||  
 Db 1 GTGGCGGTGGGTGG 16

## RESULT 1213

US-09-017-974-82  
 ; Sequence 82, Application US/09017974  
 ; Patent No. 6288042

## GENERAL INFORMATION:

; APPLICANT: Rando, Robert F.  
 ; APPLICANT: Ojwang, Joshua O.  
 ; APPLICANT: Hogan, Michael E.  
 ; APPLICANT: Wallace, Thomas L.  
 ; APPLICANT: Cossum, Paul A.  
 ; TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
 ; TITLE OF INVENTION: Tetrad Forming Oligonucleotides  
 ; NUMBER OF SEQUENCES: 88  
 ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Conley, Rose & Tayon, P.C.  
 ; STREET: 600 Travis, Suite 1800  
 ; CITY: Houston  
 ; STATE: Texas  
 ; COUNTRY: U.S.A.  
 ; ZIP: 77002-2912

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: MS Word 97 (saved as .txt file)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/017,974  
 ; FILING DATE:

## CLASSIFICATION:

; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 60/037,374  
 ; FILING DATE: 04-FEB-97  
 ; APPLICATION NUMBER:  
 ; FILING DATE: 09-DEC-97  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: McDaniel, C. Steven  
 ; REGISTRATION NUMBER: 33,962  
 ; REFERENCE/DOCKET NUMBER: 1472-06223  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 713/238-8010  
 ; TELEFAX: 713/238-8008

; INFORMATION FOR SEQ ID NO: 82:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 US-09-017-974-82

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGACGTG 614  
 |||||  
 Db 1 GTGGCGGTGGGTGG 16

## RESULT 1214

US-08-682-255A-79  
 ; Sequence 79, Application US/08682255A  
 ; Patent No. 6323185

## GENERAL INFORMATION:

; APPLICANT: Rando, Robert F.  
 ; APPLICANT: Fennwald, Susan  
 ; APPLICANT: Zendequi, Joseph G.  
 ; APPLICANT: Ojwang, Joshua O.  
 ; APPLICANT: Hogan, Michael E.  
 ; APPLICANT: Pommier, Elyse  
 ; APPLICANT: Mazumder, Abhijit

```

; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
; APPLICATION NUMBER: 60/016,271
; FILING DATE: 23-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcdaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-682-255A-79

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGGACGTG 614
Db 1 GTGGCGGTGGGACGTG 16

RESULT 1215
US-08-682-255A-81
; Sequence 81, Application US/08682255A
; Patent No. 6323185
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas

```

```

; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
; APPLICATION NUMBER: 60/016,271
; FILING DATE: 23-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcdaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-682-255A-81

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGGACGTG 614
Db 1 GTGGCGGTGGGACGTG 16

RESULT 1216
US-08-682-255A-82
; Sequence 82, Application US/08682255A
; Patent No. 6323185
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas

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; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 23-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
; APPLICATION NUMBER: 60/016,271
; FILING DATE: 23-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-682-255A-82

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```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 599 GTGGCGGGTGGACGTG 614
Db 1 GTGGCGGGCGGGCGGG 16

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RESULT 1217
US-08-584-040-1517/c
; Sequence 1517, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2056
; COMPUTER READABLE FORM:

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; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1517:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-1517

```

```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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QY 151 CAGCTCCATCTTGCA 166
Db 17 CAGCTAGATATTGCA 2

```

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RESULT 1218
US-08-584-040-1694/c
; Sequence 1694, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995

```

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1694:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1694

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 176 TCACAGTCACAGTGGC 191  
DB 16 TCACAATTAGATGGC 1

RESULT 1219  
US-08-584-040-1983  
Sequence 1983, Application US/08584040  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1983:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1983

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. No. 7.5e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 481 GCATTCTCTCAGGATCT 496  
DB 1 GCAUUCACGGGACCU 16

RESULT 1220  
US-08-584-040-2054  
Sequence 2054, Application US/08584040  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2054:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2054

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 308 GCATGGGAAGACTGC 323  
DB 2 GGAUGGUAAGACUAC 17

```

RESULT 1221
US-08-584-040-2669
; Sequence 2669, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggan, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,527
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2669:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2669

```

```
Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels
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QY 203 CCTGGGTTCCCAGCCC 218  
||:|:|:|:|:|  
Db 2 CCUUGUUUCCUAGCCC 17

RESULT 1222  
US-08-584-040-2670  
; Sequence 2670, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 TITLE OF INVENTION: GROWTH FACTOR  
 NUMBER OF SEQUENCES: 8502  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/584,040  
 FILING DATE: January 11, 1996  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/005,974  
 FILING DATE: October 26, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/064  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 2670:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

Query Match	1.3%;	Score 11.2;	DB 1;	Length 17;
Best Local Similarity	62.5%;	Pred. No. 7.5e+02;		
Matches 10;	Conservative	3;	Mismatches	3;
			Indels	

Qy 203 CCTGGGTTCCAGCCC 218  
||:|:|:|:|:|  
Db 1 CCUGUUCUCCAGCCC 16

RESULT 1223  
US-08-584-040-2856  
; Sequence 2856; Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyvon & Lyvon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066



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/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2856:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-584-040-2856
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
/ Best Local Similarity 43.8%; Pred. No. 7.5e+02;
/ Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 509 GGCACGTTGGCATT 524
/ Db 1 GCGUAGUUUGCCUU 16
/
/ RESULT 1224
/ US-08-584-040-3766
/ Sequence 3766, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 3978:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/
/ US-08-584-040-3766
```

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/
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 3766:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-584-040-3766
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
/ Best Local Similarity 68.8%; Pred. No. 7.5e+02;
/ Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 251 GAGGACTTAGACAGG 266
/ Db 1 GAGGGACTUGGACUGG 16
/
/ RESULT 1225
/ US-08-584-040-3978
/ Sequence 3978, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 3978:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/
/ US-08-584-040-3978
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3978

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 450 GATGCGCTTCAGGAAG 465
   ||| |::|::|::|::|
Db 2 GAGGACUCCAGGAG 17

RESULT 1226
US-08-584-040-3979
; Sequence 3979, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3979:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3979

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 450 GATGCGCTTCAGGAAG 465
   ||| |::|::|::|::|
Db 1 GAGGACUCCAGGAG 16

US-08-584-040-5342
; Sequence 5342, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5342:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5342

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGGC 148
   :|::|::|::|::|
Db 1 UGACUUCUUGCGGC 16

RESULT 1228
US-08-584-040-5462/c
; Sequence 5462, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
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; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5462:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5462

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Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred.No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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OY 711 ATAGCAATTTTCAGG 726
DB 16 ATAGCTCAATTCATG 1

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RESULT 1229
US-08-584-040-5900/c
; Sequence 5900, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Favco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

```

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; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5900:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5900

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Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred.No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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OY 392 GGGCACACACACCTCG 407
DB 16 GGGCACACACTCCCTG 1

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RESULT 1230
US-08-584-040-5914/c
; Sequence 5914, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Favco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:

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DB 1 CCUCGCUCCAAGCCC 16

RESULT 1233  
US-08-584-040-7420  
; Sequence 7420, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 7420:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-584-040-7420

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. No. 7.5e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 155 TCCATCTTCACCAT 170  
DB 1 UCCUCACUCCGCG 16

RESULT 1234  
US-08-584-040-7629/c  
; Sequence 7629, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 7420:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-584-040-7420

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. No. 7.5e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 824 GGGTCTCAGCTGCT 839  
DB 17 GGAAGCTGGAGCTGCT 2

RESULT 1235  
US-08-584-040-7651  
; Sequence 7651, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 7629:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-584-040-7629

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7768

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 7.5e+02;  
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 923 CGGGACTTTCAGTTT 938  
DB 1 CGGGACUUCUCCAU 16

RESULT 1238  
US-08-584-040-7797/c  
Sequence 7797, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7797:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7797

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 672 AAGCTCACATGGAT 687

Db 16 AAATCATAGATGAT 1

RESULT 1239  
US-08-584-040-8117  
Sequence 8117, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8117:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-8117

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. No. 7.5e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 653 GAGTGTCTCATGCAG 668  
DB 2 GAGGUUCUCCAUCCAG 17

RESULT 1240  
US-08-678-645-754  
Sequence 754, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.

APPLICANT: Merlo, Patricia Ann Owens  
 APPLICANT: Guo, Lining  
 APPLICANT: Skokut, Thomas A.  
 APPLICANT: Young, Scott A.  
 APPLICANT: Folkerts, Otto  
 APPLICANT: Merlo, Donald J.  
 TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
 TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
 TITLE OF INVENTION: IN PLANTS  
 NUMBER OF SEQUENCES: 1263  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/679,645  
 FILING DATE: July 12, 1996  
 CLASSIFICATION: 800  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/001,135  
 FILING DATE: July 13, 1995  
 APPLICATION NUMBER: 08/300,726  
 FILING DATE: September 2, 1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 219/247  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 754:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-679-645-754

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 860 TGGTGATGAGCCCAAC 875  
 Db 2 UGUGAUCUGCUAAC 17

RESULT 1241  
 US-09-429-130-79  
 Sequence 79, Application US/09429130  
 Patent No. 6355785  
 GENERAL INFORMATION:  
 APPLICANT: Rando, Robert F.  
 Fennewald, Susan  
 Zendequi, Joseph G.  
 Ojwang, Joshua O.  
 Hogan, Michael E.  
 Pommier, Eryves  
 Mazumder, Abhijit  
 60/015,714  
 TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
 Oligonucleotides

NUMBER OF SEQUENCES: 87  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Conley, Rose & TAYON, P.C.  
 STREET: 600 Travis, Suite 1850  
 CITY: Houston  
 STATE: Texas  
 COUNTRY: U.S.A.  
 ZIP: 77002-2912  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: MS Windows 95  
 SOFTWARE: MS Word 97 (saved as .txt file)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/429,130  
 FILING DATE: 28-Oct-1999  
 CLASSIFICATION: <Unknown>  
 19-JULY-95  
 25-MARCH-96  
 19-MARCH-96  
 17-APRIL-96  
 23-APRIL-96  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/682,255  
 FILING DATE: <Unknown>  
 APPLICATION NUMBER: 60/001,505  
 FILING DATE: 19-JULY-95  
 APPLICATION NUMBER: 60/014,007  
 FILING DATE: 25-MARCH-96  
 APPLICATION NUMBER: 60/013,688  
 FILING DATE: 19-MARCH-96  
 APPLICATION NUMBER: 60/016,271  
 FILING DATE: 17-APRIL-96  
 ATTORNEY/AGENT INFORMATION:  
 NAME: McDaniel, C. Steven  
 REGISTRATION NUMBER: 33,962  
 REFERENCE/DOCKET NUMBER: 1472-06214  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 713/238-8010  
 TELEFAX: 713/238-8008  
 INFORMATION FOR SEQ ID NO: 79:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 SEQUENCE DESCRIPTION: SEQ ID NO: 79:  
 US-09-429-130-79

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGACGTG 614  
 Db 1 GTGGCGGTGGGTGG 16

RESULT 1242  
 US-09-429-130-81  
 Sequence 81, Application US/09429130  
 Patent No. 6355785  
 GENERAL INFORMATION:  
 APPLICANT: Rando, Robert F.  
 Fennewald, Susan  
 Zendequi, Joseph G.  
 Ojwang, Joshua O.  
 Hogan, Michael E.  
 Pommier, Eryves  
 Mazumder, Abhijit  
 60/015,714  
 TITLE OF INVENTION: Anti-Viral Guanosine-Rich



TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
Oligonucleotides

NUMBER OF SEQUENCES: 87

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Conley, Rose & Tayon, P.C.  
STREET: 600 Travis, Suite 1850  
CITY: Houston  
STATE: Texas  
COUNTRY: U.S.A.  
ZIP: 77002-2912

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS Windows 95  
SOFTWARE: MS Word 97 (saved as .txt file)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/429,130  
FILING DATE: 28-Oct-1999  
CLASSIFICATION: <Unknown>  
19-JULY-95  
25-MARCH-96  
19-MARCH-96  
17-APRIL-96  
23-APRIL-96

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/682,255  
FILING DATE: <Unknown>  
APPLICATION NUMBER: 60/001,505  
FILING DATE: 19-JULY-95  
APPLICATION NUMBER: 60/014,007  
FILING DATE: 25-MARCH-96  
APPLICATION NUMBER: 60/013,688  
FILING DATE: 19-MARCH-96  
APPLICATION NUMBER: 60/016,271  
FILING DATE: 17-APRIL-96

ATTORNEY/AGENT INFORMATION:  
NAME: McDaniel, C. Steven  
REGISTRATION NUMBER: 33,962  
REFERENCE/DOCKET NUMBER: 1472-06214

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713/238-8010  
TELEFAX: 713/238-8008

INFORMATION FOR SEQ ID NO: 82:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 82:  
IS-09-429-130-82

	Query Match	1.3%	Score 11.2;	DB 1;	Length 17;
	Best Local Similarity	81.2%;	Pred. NO. 7.5e+02;		
	Matches 13; Conservative	0;	Mismatches 3;	Indels	0; Gaps 0
QY	599 GTGGCGGGGTGGACCTG	614			
nb	1 GTTGACGAGCGGGCGGG	16			

RESULT 1244  
US-09-166-205B-13  
; Sequence 13, Application US/09166205B  
; Patent No. 6372471  
; GENERAL INFORMATION:  
; APPLICANT: Te Piao KING  
; TITLE OF INVENTION: CLONING AND RECOMBINANT PRODUCTION OF VESPID VENOM ENZYMES,  
; TITLE OF INVENTION: SUCH AS PHOSPHOLIPASE AND HYALURONIDASE, AND IMMUNOLOGICAL  
; TITLE OF INVENTION: THERAPIES BASED THEREON  
; FILE REFERENCE: 2313/0F138US  
; CURRENT APPLICATION NUMBER: US/09/166,205B  
; CURRENT FILING DATE: 1998-10-01

; NUMBER OF SEQ ID NOS: 70  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 13  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Anti-sense primer  
 US-09-166-2058-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 CAGAAGAGCCTCGGC 379  
 |||||  
 Db 2 CATAAGAGCCTCGAC 17

## RESULT 1245

US-09-495-140-13

; Sequence 13 Application US/09495140  
 ; Patent No. 6376182  
 ; GENERAL INFORMATION:  
 ; APPLICANT: CHAO, LEE  
 ; APPLICANT: CHAO, JULIE  
 ; APPLICANT: SONG, QING  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING  
 ; TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT  
 ; TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION  
 ; FILE REFERENCE: 19113.0081  
 ; CURRENT APPLICATION NUMBER: US/09/495,140  
 ; CURRENT FILING DATE: 2000-01-31  
 ; EARLIER APPLICATION NUMBER: 09/389,566  
 ; EARLIER FILING DATE: 1999-09-03  
 ; EARLIER APPLICATION NUMBER: 08/856,141  
 ; EARLIER FILING DATE: 1997-05-14  
 ; NUMBER OF SEQ ID NOS: 31  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 13  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: synthetic construct  
 ; OTHER INFORMATION: synthetic construct  
 US-09-495-140-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 763 TGGAGAGCTGGGAGAA 778  
 |||||  
 Db 1 TGGAGAGCTGGGAGAA 16

## RESULT 1246

US-09-509-565-39/c

; Sequence 39, Application US/09509565  
 ; Patent No. 6399340  
 ; GENERAL INFORMATION:  
 ; APPLICANT: SAITO, YOSHIMASA  
 ; APPLICANT: NOGUCHI, YUJI  
 ; APPLICANT: YOSHIKAWA, KOJI  
 ; APPLICANT: SOEDA, SHINSUKE  
 ; TITLE OF INVENTION: PLASMID VECTORS  
 ; FILE REFERENCE: 0018-1105-OPCT  
 ; CURRENT APPLICATION NUMBER: US/09/509,565  
 ; CURRENT FILING DATE: 2000-06-23  
 ; PRIOR APPLICATION NUMBER: PCT/JP9804611  
 ; PRIOR FILING DATE: 1998-10-13  
 ; PRIOR APPLICATION NUMBER: JP9/303395

; PRIOR FILING DATE: 1997-10-16  
 ; NUMBER OF SEQ ID NOS: 42  
 ; SOFTWARE: Patent in version 3.0  
 ; SEQ ID NO 39  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc feature  
 ; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA  
 US-09-509-565-39

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 134 GTCGTCTTTGGGCT 149  
 |||||  
 Db 16 GTCGTCTTTGGGAT 1

## RESULT 1247

US-09-410-903-69

; Sequence 69, Application US/09410903  
 ; Patent No. 6420113  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Buechler, Joe  
 ; APPLICANT: Valkirs, Gunars  
 ; APPLICANT: Gray, Jeff  
 ; APPLICANT: Biosite Diagnostics Inc.  
 ; TITLE OF INVENTION: Chimeric Polyclonal Antibodies  
 ; FILE REFERENCE: 014907-002700US  
 ; CURRENT APPLICATION NUMBER: US/09/410,903  
 ; CURRENT FILING DATE: 1999-10-02  
 ; PRIOR APPLICATION NUMBER: US 08/832,985  
 ; PRIOR FILING DATE: 1997-04-04  
 ; PRIOR APPLICATION NUMBER: US 08/835,159  
 ; PRIOR FILING DATE: 1997-04-04  
 ; PRIOR APPLICATION NUMBER: WO PCT/US98/06704  
 ; PRIOR FILING DATE: 1998-04-03  
 ; NUMBER OF SEQ ID NOS: 100  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 69  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: oligonucleotide primer 5  
 US-09-410-903-69

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 951 CACAGCTGGGCAGGG 966  
 |||||  
 Db 2 CAAGCTTTGGAGGG 17

## RESULT 1248

US-09-586-376-13

; Sequence 13, Application US/09586376  
 ; Patent No. 6493115  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Guida, Marco  
 ; APPLICANT: Hall, Jeff  
 ; TITLE OF INVENTION: GENETIC TYPING OF THE HUMAN CYTOCHROME P450 2A6 GENE  
 ; TITLE OF INVENTION: AND RELATED MATERIALS AND METHODS  
 ; FILE REFERENCE: 4389-20  
 ; CURRENT APPLICATION NUMBER: US/09/586,376  
 ; CURRENT FILING DATE: 2000-06-02  
 ; NUMBER OF SEQ ID NOS: 29  
 ; SOFTWARE: Patent in Ver. 2.1

```
; SEQ ID NO 13
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-586-376-13

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. NO. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 474 GAACCTGGCATTCCTC 489
Db 1 GACCTTGGATTCTC 16

RESULT 1249
US-09-586-376-14
; Sequence 366, Application US/09586376
; Patent No. 6492115
; GENERAL INFORMATION:
; APPLICANT: Guide, Marco
; APPLICANT: Hall, Jeff
; TITLE OF INVENTION: GENETIC TYPING OF THE HUMAN CYTOCHROME P450 2A6 GENE
; TITLE OF INVENTION: AND RELATED MATERIALS AND METHODS
; FILE REFERENCE: 4389-20
; CURRENT APPLICATION NUMBER: US/09/586,376
; CURRENT FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-586-376-14

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. NO. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 474 GAACCTGGCATTCCTC 489
Db 1 GACCTTGGATTCTC 16

RESULT 1250
US-09-474-432B-366/c
; Sequence 366, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 366
; LENGTH: 17
```

```
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-366

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. NO. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 CCGCGTGGCCCCCTGCT 437
Db 16 CCGCAGCACACTGCT 1

RESULT 1251
US-09-474-432B-421
; Sequence 421, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 421
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-421

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. NO. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 156 CCATCTTGCCACCATC 171
Db 1 CCAGCCUUGCCCAUC 16

RESULT 1252
US-09-474-432B-590/c
; Sequence 590, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
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; PRIOR FILING DATE: 1997-11-05  
 ; PRIOR APPLICATION NUMBER: US 60/084,727  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: US 09/186,675  
 ; PRIOR FILING DATE: 1998-11-04  
 ; PRIOR APPLICATION NUMBER: US 09/301,511  
 ; PRIOR FILING DATE: 1999-04-28  
 ; NUMBER OF SEQ ID NOS: 1526  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 590  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-474-432B-590

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGCAGGC 418  
 DB 16 CCTGACACCTGGC 1

RESULT 1253  
 US-09-474-432B-606/c  
 ; Sequence 606, Application US/09474432B  
 ; Patent No. 6528640  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Beigelman, Leo  
 ; APPLICANT: Burgin, Alex  
 ; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka  
 ; APPLICANT: Sweedler, David  
 ; APPLICANT: Zinnen, Shawn  
 ; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
 ; FILE REFERENCE: MHB00-831-B (247/276)  
 ; CURRENT APPLICATION NUMBER: US/09/474,432B  
 ; CURRENT FILING DATE: 1999-12-19  
 ; PRIOR APPLICATION NUMBER: US 60/064,866  
 ; PRIOR FILING DATE: 1997-11-05  
 ; PRIOR APPLICATION NUMBER: US 60/084,727  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: US 09/186,675  
 ; PRIOR FILING DATE: 1998-11-04  
 ; PRIOR APPLICATION NUMBER: US 09/301,511  
 ; PRIOR FILING DATE: 1999-04-28  
 ; NUMBER OF SEQ ID NOS: 1526  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 606  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-474-432B-606

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 141 TTGGGGGCTGCAGCTC 156  
 DB 16 TTGAGACTGCAGCTC 1

RESULT 1254  
 US-09-474-432B-657  
 ; Sequence 657, Application US/09474432B  
 ; Patent No. 6528640  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Beigelman, Leo

; APPLICANT: Burgin, Alex  
 ; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka  
 ; APPLICANT: Sweedler, David  
 ; APPLICANT: Zinnen, Shawn  
 ; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
 ; FILE REFERENCE: MHB00-831-B (247/276)  
 ; CURRENT APPLICATION NUMBER: US/09/474,432B  
 ; CURRENT FILING DATE: 1999-12-19  
 ; PRIOR APPLICATION NUMBER: US 60/064,866  
 ; PRIOR FILING DATE: 1997-11-05  
 ; PRIOR APPLICATION NUMBER: US 60/084,727  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: US 09/186,675  
 ; PRIOR FILING DATE: 1998-11-04  
 ; PRIOR APPLICATION NUMBER: US 09/301,511  
 ; PRIOR FILING DATE: 1999-04-28  
 ; NUMBER OF SEQ ID NOS: 1526  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 657  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-474-432B-657

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 56.2%; Pred. No. 7.5e+02;  
 Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 473 GGAACTGGGATTCCT 488  
 DB 1 GGAGCCUGCAUUCU 16

RESULT 1255  
 US-09-474-432B-704/c  
 ; Sequence 704, Application US/09474432B  
 ; Patent No. 6528640  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Beigelman, Leo  
 ; APPLICANT: Burgin, Alex  
 ; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka  
 ; APPLICANT: Sweedler, David  
 ; APPLICANT: Zinnen, Shawn  
 ; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
 ; FILE REFERENCE: MHB00-831-B (247/276)  
 ; CURRENT APPLICATION NUMBER: US/09/474,432B  
 ; CURRENT FILING DATE: 1999-12-19  
 ; PRIOR APPLICATION NUMBER: US 60/064,866  
 ; PRIOR FILING DATE: 1997-11-05  
 ; PRIOR APPLICATION NUMBER: US 60/084,727  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: US 09/186,675  
 ; PRIOR FILING DATE: 1998-11-04  
 ; PRIOR APPLICATION NUMBER: US 09/301,511  
 ; PRIOR FILING DATE: 1999-04-28  
 ; NUMBER OF SEQ ID NOS: 1526  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 704  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-474-432B-704

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 174 GCTGACAGTCACAGTG 189

Db 16 GCTGACACTCAGGTG 1

RESULT 1256  
US-09-474-432B-831  
; Sequence 831, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Svedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
; FILE REFERENCE: MHE00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 831  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-831

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 731 GCGGTACAGTGTAGCC 746  
Db 1 GCGGTACAGTGTAGCC 16

RESULT 1257  
US-09-535-012A-12/c  
; Sequence 12, Application US/09535012A  
; Patent No. 6531281  
; GENERAL INFORMATION:  
; APPLICANT: Elf Exploration Production  
; TITLE OF INVENTION: Method of Detecting Sulphate- Reducing Bacteria  
; FILE REFERENCE: 111628-00114  
; CURRENT APPLICATION NUMBER: US/09/535,012A  
; CURRENT FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: 9903637  
; PRIOR FILING DATE: 1999-03-24  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Desulfvibrio vulgaris  
; FEATURE:  
; OTHER INFORMATION: asp02 primer  
US-09-535-012A-12

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 768 GAACGTGAGAGAGT 783

Db 17 GAACCGGAGGAGACT 2

RESULT 1258  
US-09-230-652-104  
; Sequence 104, Application US/09230652A  
; Patent No. 6537775  
; GENERAL INFORMATION:  
; APPLICANT: Tournier-Lasserre, Elisabeth  
; APPLICANT: Joutel, Anne  
; APPLICANT: Bousser, Marie-Germaine  
; APPLICANT: Bach, Jean-Francois  
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND  
; TITLE OF INVENTION: THERAPEUTIC APPLICATION  
; FILE REFERENCE: 03715.0048-00000  
; CURRENT APPLICATION NUMBER: US/09/230,652A  
; CURRENT FILING DATE: 1999-05-17  
; EARLIER APPLICATION NUMBER: FR 96 09733  
; EARLIER FILING DATE: 1996-08-01  
; EARLIER APPLICATION NUMBER: FR 97 04680  
; EARLIER FILING DATE: 1997-04-16  
; EARLIER APPLICATION NUMBER: PCT/FR97/01433  
; EARLIER FILING DATE: 1997-07-31  
; NUMBER OF SEQ ID NOS: 163  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 104  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-230-652-104

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 415 AGGCTCTCCGGCTGCC 430  
Db 2 AGGCTATCTGCTTCC 17

RESULT 1259  
US-08-541-939-9  
; Sequence 9, Application US/08541939  
; Patent No. 6541238  
; GENERAL INFORMATION:  
; APPLICANT: Saxena, Indar M.  
; APPLICANT: Lin, Forq C.  
; APPLICANT: Brown, R. M.  
; TITLE OF INVENTION: Recombinant Cellulose Synthase  
; NUMBER OF SEQUENCES: 15  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 77210  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/541,939  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/222,322  
; FILING DATE: 04-APR-1994  
; ATTORNEY/AGENT INFORMATION:

NAME: Mayfield, Denise L.  
REGISTRATION NUMBER: 33,732  
REFERENCE/DOCKET NUMBER: UT5B:564/MAY  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7577  
TELEX: N/A  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 6  
OTHER INFORMATION: /mod\_base= OTHER  
OTHER INFORMATION: /note= "N = Inosine"  
US-08-541-939-9

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 945 ATGAGTCAACAGCTGGG 961  
|||||  
DB 1 ATGAGNCAATGGATGGG 17

RESULT 1260  
US-08-541-939-14  
Sequence 14, Application US/08541939  
Patent No. 6541238  
GENERAL INFORMATION:  
APPLICANT: Saxena, Inder M.  
APPLICANT: Lin, Fong C.  
APPLICANT: Brown, R. M.  
TITLE OF INVENTION: Recombinant Cellulose Synthase  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/541,939  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/222,322  
FILING DATE: 04-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Mayfield, Denise L.  
REGISTRATION NUMBER: 33,732  
REFERENCE/DOCKET NUMBER: UT5B:564/MAY  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7577  
TELEX: N/A  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 6  
OTHER INFORMATION: /mod\_base= OTHER  
OTHER INFORMATION: /note= "N = Inosine"  
US-08-541-939-14

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 945 ATGAGTCAACAGCTGGG 961  
|||||  
DB 1 ATGAGNCAATGGATGGG 17

RESULT 1261  
US-09-371-772B-62/c  
Sequence 62, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
FILE REFERENCE: MEH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 62  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-62

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 151 CAGCTCCATATTGCA 166  
|||||  
DB 17 CAGCTAGATATTGCA 2

RESULT 1262  
US-09-371-772B-239/c  
Sequence 239, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
FILE REFERENCE: MEH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 239  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-239

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 176 TGACAGTCACAGTGC 191  
|||||  
Db 16 TGACAATTAGATGGC 1

## RESULT 1263

US-09-371-772B-528  
; Sequence 528, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 528  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-528

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. No. 7.5e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 481 GCATTCTCAGGATCT 496  
|||||  
Db 1 GCAUUAUCGGACCU 16

## RESULT 1264

US-09-371-772B-599  
; Sequence 599, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 599  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-599

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 308 GCATGGGAAGACTGC 323  
|||||  
Db 2 CGAUGUAAGACUAC 17

## RESULT 1265

US-09-371-772B-1193  
; Sequence 1193, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1193  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1193

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 203 CCTGGGTTCCAGCCC 218  
|||||  
Db 2 CCUUGUUUCCUAGCCC 17

## RESULT 1266

US-09-371-772B-1194  
; Sequence 1194, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1194







Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 TGAGCGCAACTGCAG 800  
 ||||| |||||  
 Db 17 TCAGCGTGAAGTGCAG 2

RESULT 1275  
 US-09-371-772B-2832  
 ; Sequence 2832, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MEHB00.876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 2832  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-2832

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 50.0%; Pred. No. 7.5e+02;  
 Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 134 GTCGCTTTGGGGCT 149  
 ||: ||: ||: ||:  
 Db 1 GUCUACCUUGGAGGU 16

RESULT 1276  
 US-09-371-772B-3220  
 ; Sequence 3220, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MEHB00.876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3220  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3220

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 203 CCTGGTTCCAGCCC 218  
 ||: ||: ||: ||: ||:  
 Db 1 CCUCGUUCCAGCCC 16

RESULT 1277  
 US-09-371-772B-3227  
 ; Sequence 3227, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 ; FILE REFERENCE: MEHB00.876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3227  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3227

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 56.2%; Pred. No. 7.5e+02;  
 Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 155 TCATACCTGCACCAT 170  
 ||: ||: ||: ||: ||:  
 Db 1 UCCUCACUUGCACCUG 16

RESULT 1278  
 US-09-371-772B-3421/c  
 ; Sequence 3421, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 ; FILE REFERENCE: MEHB00.876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3421  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3421

```

Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 824 CGGTGCTGAAGCTGGT 839
Db 17 GGAAGCTGGAGCTGGT 2

RESULT 1279
US-09-371-772B-3498/c
; Sequence 3498, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3498
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3498

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 508 TGGCCAGTTGGCATT 523
Db 16 TAGTCAGTATGGCATT 1

RESULT 1280
US-09-371-772B-3552
; Sequence 3552, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3552
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3552

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;

Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 923 CGGACTTTCAGTTT 938
Db 1 CGGGACUUCGGAUCU 16

RESULT 1281
US-09-371-772B-3581/c
; Sequence 3581, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3581
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3581

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 672 AAGCTCACAGATGGAT 687
Db 16 AAACATCATAGATGAT 1

RESULT 1282
US-09-371-772B-3900
; Sequence 3900, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3900
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3900

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 7.5e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
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QY      653 GAGTGTCTCATGCAG 668
      ||| :|||: |||
Db      2 GAGGUUCUCCAG 17

RESULT 1283
US-09-371-772B-4206/c
; Sequence 4206, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4206
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4206

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      788 GCGCAAACTGCAGGAC 803
      ||| :|||: |||
Db      17 GCGCGCACAGGAC 2

RESULT 1284
US-09-371-772B-4235/c
; Sequence 4235, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4235
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4235

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      653 GAGTGTCTCATGCAG 668
      ||| :|||: |||
Db      2 GAGGUUCUCCAG 17

RESULT 1285
US-09-371-772B-4453/c
; Sequence 4453, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4453
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4453

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      176 TGACAGTCACAGTGGC 191
      ||| :|||: |||
Db      17 TGCAATTAGAGTGGC 2

RESULT 1286
US-09-371-772B-4732/c
; Sequence 4732, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4732
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4732

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      607 TGGACGTGGCCATCTC 622
      ||| :|||: |||
Db      17 TGGACGTGGCCATCTC 622

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Db 16 TGGCCGTGGCCCCCTC 1  
|||||

## RESULT 1287

US-09-371-772B-4764/c  
; Sequence 4764, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Growth of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4764  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4764

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 155 TCCATATTCGACCAT 170  
|||||  
Db 17 TCCATATTCGACCAT 2

## RESULT 1288

US-09-371-772B-4822  
; Sequence 4822, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Growth of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4822  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4822

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Oy 452 TGCCTCCAGAGAG 467  
|||

Db 2 UGUCUCCAGAAAGUG 17

## RESULT 1289

US-09-371-772B-4889  
; Sequence 4889, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Growth of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4889  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4889

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 390 GCGGCACACACACCC 405  
|||||  
Db 1 GCGGCACACACACCC 16

## RESULT 1290

US-09-371-772B-5320  
; Sequence 5320, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Growth of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5320  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5320

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. No. 7.5e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Oy 483 ATTCCTCAGATCTAA 498  
|||  
Db 2 ACUCUCCAGGCUAA 17

RESULT 1291  
US-09-371-772B-6151  
; Sequence 6151, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 6151  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6151

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 88.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 251 GAAGGACTTAGACAGG 266  
|||:::|||||  
DB 2 GAGGGACUUGGACUGG 17

RESULT 1292  
US-09-371-772B-6181/c  
; Sequence 6181, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 6181  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6181

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 187 GTGGCCGGGTGAGTTT 202  
|||:::|||||  
DB 16 GAGGCCAAGTCAGTTT 1

RESULT 1293  
US-09-371-772B-6438/c  
; Sequence 6438, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 6438  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6438

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 137 TGCTTGGGGCTGCA 152  
|||:::|||||  
DB 17 TGCTCAGTGGGCTGCA 2

RESULT 1294  
US-09-371-772B-6456/c  
; Sequence 6456, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 6456  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6456

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 326 AGAAGCTGTGGAGCAA 341  
|||:::|||||  
DB 17 AGAGCTGTGGGCCAA 2

## RESULT 1295

US-09-371-772B-6691  
; Sequence 6691, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6691  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6691

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 257 CTTAGACAGGAGCACC 272  
|: ||||| |||||  
DB 2 CUUGGACAGCAUACC 17

## RESULT 1296

US-09-371-772B-6710/C  
; Sequence 6710, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6710  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6710

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 AGAGCTCAGGAAGCTT 479  
||| ||||| |||||  
DB 17 AGATCTCAGGAGCTT 2

## RESULT 1297

US-09-371-772B-6805

US-09-371-772B-6805  
; Sequence 6805, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6805  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6805

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 69.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 308 GCATGGGAAAGACTGC 323  
|: ||||| |||||  
DB 2 GGAUGGCAAGACTUAC 17

## RESULT 1298

US-09-371-772B-6834  
; Sequence 6834, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6834  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6834

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 7.5e+02;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 912 TGAAGACAGACGGGA 927  
|: ||||| |||||  
DB 2 UGACACACAGCAGGA 17

; Sequence 6874, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Payco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEH800,876-J (237/198)  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 6874  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6874

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 7.5e+02;  
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 558 CAACAGCAGGATCCT 573  
||| |||||  
DB 2 CAACAGCAGGAGUCU 17

RESULT 1300  
US-09-585-174-53  
; Sequence 53, Application US/09585174  
; Patent No. 6586229  
; GENERAL INFORMATION:  
; APPLICANT: Bel-Bassat, Arie  
; APPLICANT: Cattermole, Monica  
; APPLICANT: Gatenby, Anthony A.  
; APPLICANT: Gibson, Katherine J.  
; APPLICANT: Ramos-Gonzalez, Isabel  
; APPLICANT: Ramos, Juan  
; APPLICANT: Sarrasiani, Sima  
; TITLE OF INVENTION: Method for the Production of p-Hydroxybenzoate in Species of  
; TITLE OF INVENTION: Pseudomonas and Agrobacterium  
; FILE REFERENCE: BC1018 US NA  
; CURRENT APPLICATION NUMBER: US/09/585,174  
; CURRENT FILING DATE: 2000-06-01  
; NUMBER OF SEQ ID NOS: 112  
; SOFTWARE: Microsoft Office 97  
; SEQ ID NO 53  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
; OTHER INFORMATION: primer used for sequencing pcu  
US-09-585-174-53

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 467 GCTCCAGCACTTGGC 482  
||| |||||  
DB 2 GGTGAGCACTTGGC 17

RESULT 1301  
US-08-944-410-90/c

; Sequence 90, Application US/08944410  
; Patent No. 6607878  
; GENERAL INFORMATION:  
; APPLICANT: Sorige, Joseph A.  
; TITLE OF INVENTION: COLLECTIONS OF UNIQUELY TAGGED MOLECULES  
; FILE REFERENCE: 04121,0018-00000  
; CURRENT APPLICATION NUMBER: US/08/944,410  
; CURRENT FILING DATE: 1997-10-06  
; NUMBER OF SEQ ID NOS: 113  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 90  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic primer  
US-08-944-410-90

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 376 TGGCGCTCTGCTGCG 391  
||| |||||  
DB 16 TTGACGTCCTGCTGAC 1

RESULT 1302  
US-09-476-387-365/c  
; Sequence 365, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MEH800-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 365  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-365

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 CCGGTCGCCCTGCT 437  
||| |||||  
DB 16 CCGGAGCACACTGCT 1

RESULT 1303  
US-09-476-387-420  
; Sequence 420, Application US/09476387



Patent No. 6617438  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: Beigelman, Leo  
 APPLICANT: Beaudry, Amber  
 APPLICANT: Karpeisky, Alex  
 APPLICANT: Adamic, Jasenka Matulic  
 APPLICANT: Sweedler, Dave  
 APPLICANT: Zinnen, Shawn  
 TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
 FILE REFERENCE: MBH00-831-C (249/073)  
 CURRENT APPLICATION NUMBER: US/09/476,387  
 CURRENT FILING DATE: 2001-04-04  
 PRIOR APPLICATION NUMBER: 09/474,432  
 PRIOR FILING DATE: 1998-12-29  
 PRIOR APPLICATION NUMBER: 09/301,511  
 PRIOR FILING DATE: 1998-04-28  
 PRIOR APPLICATION NUMBER: 09/186,675  
 PRIOR FILING DATE: 1998-11-04  
 PRIOR APPLICATION NUMBER: 60/083,727  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/064,866  
 PRIOR FILING DATE: 1997-11-05  
 NUMBER OF SEQ ID NOS: 1524  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 420  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 US-09-476-387-589

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;  
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 156 CCATCTTGCACATC 171  
 DB 1 CCAGCCUUGCCCAUC 16

RESULT 1304  
 US-09-476-387-589/C  
 Sequence 589, Application US/09476387  
 Patent No. 6617438  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: Beigelman, Leo  
 APPLICANT: Beaudry, Amber  
 APPLICANT: Karpeisky, Alex  
 APPLICANT: Adamic, Jasenka Matulic  
 APPLICANT: Sweedler, Dave  
 APPLICANT: Zinnen, Shawn  
 TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
 FILE REFERENCE: MBH00-831-C (249/073)  
 CURRENT APPLICATION NUMBER: US/09/476,387  
 CURRENT FILING DATE: 2001-04-04  
 PRIOR APPLICATION NUMBER: 09/474,432  
 PRIOR FILING DATE: 1999-12-29  
 PRIOR APPLICATION NUMBER: 09/301,511  
 PRIOR FILING DATE: 1999-04-28  
 PRIOR APPLICATION NUMBER: 09/186,675  
 PRIOR FILING DATE: 1998-11-04  
 PRIOR APPLICATION NUMBER: 60/083,727  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/064,866  
 PRIOR FILING DATE: 1997-11-05  
 NUMBER OF SEQ ID NOS: 1524  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 589  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 US-09-476-387-589

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 403 CCTGTCTCCAGCAGGC 418  
 DB 16 CCTGTCCACACCTGGC 1

RESULT 1305  
 US-09-476-387-605/C  
 Sequence 605, Application US/09476387  
 Patent No. 6617438  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: Beigelman, Leo  
 APPLICANT: Beaudry, Amber  
 APPLICANT: Karpeisky, Alex  
 APPLICANT: Adamic, Jasenka Matulic  
 APPLICANT: Sweedler, Dave  
 APPLICANT: Zinnen, Shawn  
 TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
 FILE REFERENCE: MBH00-831-C (249/073)  
 CURRENT APPLICATION NUMBER: US/09/476,387  
 CURRENT FILING DATE: 2001-04-04  
 PRIOR APPLICATION NUMBER: 09/474,432  
 PRIOR FILING DATE: 1999-12-29  
 PRIOR APPLICATION NUMBER: 09/301,511  
 PRIOR FILING DATE: 1999-04-28  
 PRIOR APPLICATION NUMBER: 09/186,675  
 PRIOR FILING DATE: 1998-11-04  
 PRIOR APPLICATION NUMBER: 60/083,727  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/064,866  
 PRIOR FILING DATE: 1997-11-05  
 NUMBER OF SEQ ID NOS: 1524  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 605  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 US-09-476-387-605

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 141 TTGGGGCTGCAGCTC 156  
 DB 16 TTCGAGCTGCAGCTC 1

RESULT 1306  
 US-09-476-387-656  
 Sequence 656, Application US/09476387  
 Patent No. 6617438  
 GENERAL INFORMATION:  
 APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 APPLICANT: Beigelman, Leo  
 APPLICANT: Beaudry, Amber  
 APPLICANT: Karpeisky, Alex  
 APPLICANT: Adamic, Jasenka Matulic  
 APPLICANT: Sweedler, Dave  
 APPLICANT: Zinnen, Shawn  
 TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
 FILE REFERENCE: MBH00-831-C (249/073)  
 CURRENT APPLICATION NUMBER: US/09/476,387  
 CURRENT FILING DATE: 2001-04-04  
 PRIOR APPLICATION NUMBER: 09/474,432  
 PRIOR FILING DATE: 1999-12-29  
 PRIOR APPLICATION NUMBER: 09/301,511  
 PRIOR FILING DATE: 1999-04-28

; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 656  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-656

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. No. 7.5e+02;  
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 473 GGAACTTGGCATTCT 488  
|||:||||:|  
Db 1 GGAGCCUGCAUUCU 16

RESULT 1307  
US-09-476-387-703/c  
; Sequence 703, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpelsky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MHHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; PRIOR FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 703  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-703

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 174 GCTGACAGTCACAGTG 189  
|||||||  
Db 16 GCTGACACTCAGGGTG 1

RESULT 1308  
US-09-476-387-830  
; Sequence 830, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpelsky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MHHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 830  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-830

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 7.5e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 731 GCGGTACAGTGTAGCC 746  
|||||  
Db 1 GCGGUACAGUGAGGAC 16

RESULT 1309  
US-09-401-063-144/c  
; Sequence 144, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 144:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-144

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGAGTGTGCA 692  
Db 17 CACTGATGAGGTGCA 2

RESULT 1310  
US-09-401-063-150  
Sequence 150, Application US/09401063  
Patent No. 6623962  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 151:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 7.5e+02;  
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTTGGGAGTCA 532  
Db 1 UGGCAUUAAGGGUGA 16

RESULT 1311  
US-09-401-063-151  
Sequence 151, Application US/09401063  
Patent No. 6623962  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 151:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 7.5e+02;  
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTTGGGAGTCA 532  
Db 1 UGGCAUUAAGGGUGA 16

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 144:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-144

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGAGTGTGCA 692  
Db 17 CACTGATGAGGTGCA 2

RESULT 1310  
US-09-401-063-150  
Sequence 150, Application US/09401063  
Patent No. 6623962  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 151:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 7.5e+02;  
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTTGGGAGTCA 532  
Db 1 UGGCAUUAAGGGUGA 16

RESULT 1311  
US-09-401-063-151  
Sequence 151, Application US/09401063  
Patent No. 6623962  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 151:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 7.5e+02;  
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTTGGGAGTCA 532  
Db 1 UGGCAUUAAGGGUGA 16

```

RESULT 1312
US-09-401-063-294
; Sequence 294, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 294:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-294

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 415 AGGCTCTCGGCTGCC 430
Db 1 AUGCCCUUGCGUGCC 16

RESULT 1313
US-09-401-063-304
; Sequence 304, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 304:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-304

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 415 AGGCTCTCGGCTGCC 430
Db 1 AUGCCCUUGCGUGCC 16

```

```

; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 304:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-304

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTAATTGGAG 504
Db 1 CAUGACUACUUGGAG 16

RESULT 1314
US-09-401-063-644/c
; Sequence 644, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage

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COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 644:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-644

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 317 AGACTGCAGAGAGCT 332  
DB 17 AGATTTCAGAGCT 2

RESULT 1315  
US-09-401-063-734/c  
Sequence 734, Application US/09401063  
Patent No. 6623962  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: ENZYMOLOGIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM Compatible  
COMPUTER: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 734:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-734

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 GAGAACGCTATTTAAG 911  
DB 16 GAGAAATTATTTAGG 1

RESULT 1316  
US-09-415-099-14/c  
Sequence 14, Application US/09415099  
Patent No. 6653088  
GENERAL INFORMATION:  
APPLICANT: CZECH, Christian  
APPLICANT: MERKEN, Luc  
APPLICANT: PRADIER, Laurent  
TITLE OF INVENTION: PEPTIDES CAPABLE OF INHIBITING THE INTERACTION BETWEEN  
TITLE OF INVENTION: PRESENILINS AND THE PRECURSOR OF THE BETA-AMYLOID  
TITLE OF INVENTION: PEPTIDE AND/OR THE BETA-AMYLOID PEPTIDE AND THE  
TITLE OF INVENTION: INTERACTION TEST FOR THE INVESTIGATION OF INHIB  
FILE REFERENCE: ST97027B-US  
CURRENT APPLICATION NUMBER: US/09/415,099  
CURRENT FILING DATE: 1999-10-08  
EARLIER APPLICATION NUMBER: PCT/FR98/02278  
EARLIER FILING DATE: 1998-10-23  
EARLIER APPLICATION NUMBER: 60/103,553  
EARLIER FILING DATE: 1998-10-08  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 14  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: PCR Primer  
OTHER INFORMATION: Oligonucleotide  
US-09-415-099-14

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 459 CAGGAGAGCTCCAGG 474  
DB 17 CGGAGGAGCTCCAGG 2

RESULT 1317  
US-09-827-998-366/c  
Sequence 366, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
APPLICANT: Shannon, Mark  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDMORF-8



```

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGAGTG 786
DB 1 CTGAGAGAGAGGGG 16

RESULT 1322
US-09-827-998-785/c
; Sequence 785, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 785
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-785

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 948 AGTCAACAGCTGGCA 963
DB 17 AGTCAACTCTGGGA 2

RESULT 1323
US-09-827-998-786/c
; Sequence 786, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 786
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-786

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 948 AGTCAACAGCTGGCA 963
DB 17 AGTCAACTCTGGGA 2

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DB 16 AGTCAACTCTGGGA 1

RESULT 1324
US-09-827-998-1721
; Sequence 1721, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1721
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1721

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 280 AGTTGTTGAAACTGT 295
DB 2 AGTTGTTGCTGTGT 17

RESULT 1325
US-09-827-998-1722
; Sequence 1722, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1722
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1722

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 280 AGTTGTTGAAACTGT 295
DB 1 AGTTGTTGCTGTGT 16

RESULT 1326
US-09-456-050A-22
; Sequence 22, Application US/09456090A
; Patent No. 6680209

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```
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 177
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-177

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 614 GGCCATCTCAACGAG 629
Db 1 GGCCATCTCATCGC 16

RESULT 1330
US-09-866-108A-200
; Sequence 200, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 213
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-213
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; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 200
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-200

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 821 TGCGGTGCTGAAGCT 836
Db 1 TGCGGAGCAGAGAT 16

RESULT 1331
US-09-866-108A-213/c
; Sequence 213, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 213
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-213
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US-09-866-108A-213

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 535 GCCTCTTCGAGTC 550  
 |||||  
 Db 16 GTCTCTTCGGAATC 1

RESULT 1332

US-09-866-108A-322/c  
 ; Sequence 322, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 322

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-322

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.5e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 631 CTCAGTCCGCTCCCT 646

|||

Db 17 CTCGTCTCGCTTCT 2

|||

RESULT 1333

US-09-866-108A-323/c

; Sequence 323, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 323

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-323

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.5e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 631 CTCAGTCCGCTCCCT 646

|||

Db 16 CTCGTCTCGCTTCT 1

|||

RESULT 1334

US-09-866-108A-401/c

; Sequence 401, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

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; ORGANISM: Homo sapiens
US-09-866-108A-402

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      794 ACTGCAGGACTGCTG 809
Db      17 ACTGCTGGACTTGCTG 2

RESULT 1335
US-09-866-108A-402/c
; Sequence 402, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 401
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-401

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      794 ACTGCAGGACTGCTG 809
Db      17 ACTGCTGGACTTGCTG 2

RESULT 1335
US-09-866-108A-402/c
; Sequence 402, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 402
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
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; ORGANISM: Homo sapiens
US-09-866-108A-402

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      794 ACTGCAGGACTGCTG 809
Db      16 ACTGCTGGACTTGCTG 1

RESULT 1336
US-09-866-108A-558
; Sequence 558, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 558
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-558

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      723 CAGGAGCTGCGGTACA 738
Db      2 CAGGAGCTGCGGTCCA 17

RESULT 1337
US-09-866-108A-562
; Sequence 562, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

```

; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 562
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-562

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 726 GAGCTGCGGTACAGTG 741
| | | | | | | | | | | | | | | | |
Db 1 GAGCTGCGGTCCAGTG 16

RESULT 1338
; US-09-866-108A-801/c
; Sequence 801, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 562
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-562

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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 801
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-801

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 133 TGCTGCTTTGGGGC 148
| | | | | | | | | | | | | | | | |
Db 17 TCTCAGCTTTGGGGC 2

RESULT 1339
; US-09-866-108A-802/c
; Sequence 802, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 802
; LENGTH: 17

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-802

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 133 TCTCTGCTTCTGGGCG 148
DB 16 TCTCAGCTTCTGGGCG 1

RESULT 1340
US-09-866-108A-1126
; Sequence 1126, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1127

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 193 GGGTCAGTTCTCTGGG 208
DB 1 GGGGAGGTTTCTCTGGG 16

RESULT 1342
US-09-866-108A-1209
; Sequence 1209, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1126

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 193 GGGTCAGTTCTCTGGG 208
DB 2 GGGGAGGTTTCTCTGGG 17

RESULT 1341
US-09-866-108A-1127
; Sequence 1127, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1126
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1209
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1209

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      774 GAGAAGAGTGTGAGC 789
Db      2 GAGAGACAGGTGAGC 17

RESULT 1343
US-09-866-108A-1210
; Sequence 1210, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1210
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1210

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      774 GAGAAGAGTGTGAGC 789
Db      1 GAGAGACAGGTGAGC 16

RESULT 1344
US-09-866-108A-1388
; Sequence 1388, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1388
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1388

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      666 CAGCTGAAGCTCAGC 681
Db      1 CAGGTGAAGCTCGAG 16

RESULT 1345
US-09-866-108A-1715/c
; Sequence 1715, Application US/09866108A
; Patent No. 6686188
```

```

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1715
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1715

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 917 AGCAGCGGACTTTC 932
DB 17 AGCCAGCCAGACTTTC 2

RESULT 1346
US-09-866-108A-1716/c
; Sequence 1716, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1715
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1715

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 917 AGCAGCGGACTTTC 932
DB 17 AGCCAGCCAGACTTTC 2

RESULT 1346
US-09-866-108A-1716/c
; Sequence 1716, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1715
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1715

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 917 AGCAGCGGACTTTC 932
DB 16 AGCCAGCCAGACTTTC 1

RESULT 1347
US-09-866-108A-2015
; Sequence 2015, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
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; SEQ ID NO 2015
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2015

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 566 GGGATCCTCGTGCCT 581
DB 2 GGGGCCCTCGGTGCCT 17

RESULT 1348
US-09-866-108A-2016
; Sequence 2016, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2230
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2230

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 876 TCCATTGAGGTCTGTC 891
DB 17 TCCACTGAGACCTGTC 2

RESULT 1350
US-09-866-108A-2233
; Sequence 2233, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2016
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2016

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 566 GGGATCCTCGTGCCT 581
DB 1 GGGGCCCTCGGTGCCT 16

RESULT 1349
US-09-866-108A-2230/c
; Sequence 2230, Application US/09866108A

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/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining prior application data removed
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2876
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2876

```

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels

RESULT 1355  
US-09-866-108A-5886  
; Sequence 5886, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: DING, C

```
Query Match          1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Caps 0;
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7

; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: GB 00/220 350

; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; REMAINING PRIOR APPLICATION DATA REMOVED - SEE FILE WRAPPER OR PALM.  
 ; NUMBER OF SEQ. NO. 1575

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; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 5886
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5886

```

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

RESULT 1356
US-09-866-108A-5887
; Sequence 5887, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```

```
Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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RESULT 1357

```

US-09-866-108A-6207/C
/ Sequence 6207, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/006666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6207
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6207

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Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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RESULT 1358
US-09-866-108A-6208/c
/ Sequence 6208, Application US/09866108A
/ Patent No. 6886188
/
/ GENERAL INFORMATION:
/
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/
/ FILE REFERENCE: A6MICA-7
/
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/
/ CURRENT FILING DATE: 2001-05-25
/
/ PRIOR APPLICATION NUMBER: US 60/207,456
/
/ PRIOR FILING DATE: 2000-05-26
/
/ PRIOR APPLICATION NUMBER: GB 24263.6

```



RESULT 1362  
US-09-866-108A-6310/c  
Sequence 6310, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRES  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26

RESULT 1363  
US-09-8666-108A-6318  
; Sequence 6318, Application US/09866108A  
; Patent No. 6886188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yongshang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6318  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6318

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTCTCCGG 425

Db 2 CCAGCAGGCTCTCCAG 17

RESULT 1364

US-09-866-108A-6319  
; Sequence 6319, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6319

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6319

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.5e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTCTCCGG 425

Db 1 CCAGCAGGCTCTCCAG 16

RESULT 1365

US-09-866-108A-6540/c

; Sequence 6540, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6540

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6540

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.5e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 427 TGCCCCCTGCTAGTCT 442

Db 17 TGCCCCCAGGCTTGCT 2

RESULT 1366

US-09-866-108A-6542/c

; Sequence 6542, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6542  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6542

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 426 CTGCCCCCTGCTAGTC 441  
DB 16 CTGCCCCCAGGCTGTC 1

RESULT 1367  
US-09-866-108A-6547  
;; Sequence 6547, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David R.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6542  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6542

;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6547  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6547

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 596 CCGGTGGCGGGTGGAC 611  
DB 2 CCTGGGCGAGGTGGAC 17

RESULT 1368  
US-09-866-108A-6548  
;; Sequence 6548, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David R.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6548  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6548

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 596 CCGGTGGCGGGTGGAC 611  
DB 1 CCTGGGCGAGGTGGAC 16

RESULT 1369  
US-09-866-108A-6614  
Sequence 6614, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ABOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/006666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aemica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6614  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6614

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred.No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps

QY 409 TCCAGCAGGCTCTCGG 424  
||| ||| ||| ||| ||| ||| |||  
DB 2 TCCTGGAGGCTCTCGG 17

RESULT 1370  
US-09-866-108A-6615  
Sequence 6615, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ABOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25



; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ;  
 ; FILE REFERENCE: AEOMICA-7  
 ;  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ;

; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; SOFTWARE: Aeonica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6709  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6709

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 262 ACAGGAGCAGCTTCAG 277  
 |||||  
 Db 17 ACATGAGCTTCITCAG 2

RESULT 1375  
 US-09-866-108A-6711/c  
 ; Sequence 6711, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharon G.  
 ; APPLICANT: HANZEL, David R.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US 60/207,456  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; SOFTWARE: Aeonica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6711  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6711

; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; SOFTWARE: Aeonica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6711  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6711

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 261 GACAGGAGCAGCTTCA 276  
 |||||  
 Db 16 GACATGAGCTTCITCA 1

RESULT 1376  
 US-09-866-108A-6745  
 ; Sequence 6745, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharon G.  
 ; APPLICANT: HANZEL, David R.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US 60/207,456  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; SOFTWARE: Aeonica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6745  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6745

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 225 GAAGTACGCGCTGG 240

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; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6753

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 233 GGCGTGGCTCAGCTC 248
DB 2 GGCGTGGAGGAGCTC 17

RESULT 1379
US-09-866-108A-6754
; Sequence 6754, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6746
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6746

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; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6746
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6746

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 225 GAAGTACGCCCTGG 240
DB 1 GAAAGGAAGGCCCTGG 16

RESULT 1378
US-09-866-108A-6753
; Sequence 6753, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7

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; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6754  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6754

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 233 GGCGGTGGCTCAGCTC 248  
 |||||  
 Db 1 GGCGGTGGAGGAGCTC 16

RESULT 1380  
 US-09-866-108A-6935  
 ; Sequence 6935, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6935  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6935

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 661 TCATGACGCTGAAGCT 676  
 |||||  
 Db 2 TCAGAGGCTGAAGAT 17

RESULT 1381  
 US-09-866-108A-6936  
 ; Sequence 6936, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6936  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-6936

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 661 TCATGACGCTGAAGCT 676  
 |||||  
 Db 1 TCAGAGGCTGAAGAT 16

RESULT 1382  
 US-09-866-108A-7378  
 ; Sequence 7378, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

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; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: AEOmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7378
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7378

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Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 249 TTGAAGGACTTAGACA 264
DB 2 TTGAATGACTTGGAAA 17

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RESULT 1383
US-09-866-108A-7381
; Sequence 7381, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: AEOmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7378
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7378

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AEOmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7381
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7381

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```

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 251 GAAGGACTTAGACAGG 266
DB 1 GAATGACTTGGAAAGG 16

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RESULT 1384
US-09-866-108A-7521
; Sequence 7521, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AEOmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7521
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7521

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Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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OY 767 AGAAGCTGGAGGAAG 782
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DB 2 AGAGCTGGAGCAAAAG 17

RESULT 1385
US-09-866-108A-7522
; Sequence 7522, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8237
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8237

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 918 GACAGCGGACTTTCA 933
||| ||||| ||||| |||||
DB 2 GCCATCGGACTTTGA 17

RESULT 1387
US-09-866-108A-8238
; Sequence 8238, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

OY 767 AGAAGCTGGAGGAAG 782
||| ||||| ||||| |||||
DB 1 AGAGCTGGAGCAAAAG 16

RESULT 1386
US-09-866-108A-8237
; Sequence 8237, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8238  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-8238

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 GACAGCGGACTTTC 933  
 DB 1 GCATCGGACTTGA 16

RESULT 1388  
 US-09-866-108A-8239  
 ; Sequence 8239, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8239  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-8239

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 920 CACGGGACTTTCAGG 935  
 DB 2 CATCGGACTTTCATG 17

RESULT 1389  
 US-09-866-108A-8241  
 ; Sequence 8241, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8241  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-8241

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ACCTGGGACTTTCAGGT 936  
 DB 1 ATCTGGGACTTTCAGGT 16

RESULT 1390  
 US-09-866-108A-8310/c  
 ; Sequence 8310, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aeomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8310  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-8310

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGGATCTGCA 692  
 | | | | | | | | | |  
 Db 16 CCCAGAGGAGCTGCA 1

RESULT 1391  
 US-09-866-108A-8376/c  
 ; Sequence 8376, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharon G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aeomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8376  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-8376

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 408 CTCGACGAGGCTCTCC 423  
 | | | | | | | | | |  
 Db 17 CTCGAGCTGGCTGTGC 2

RESULT 1392  
 US-09-866-108A-8400  
 ; Sequence 8400, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharon G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aeomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 8400  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-8400

Query Match 1.3%; Score 11.2; DB 1; Length 17;



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Best Local Similarity 81.2%; Pred. No. 7.5e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3;

QY 713 AGCCAAATTCAGGAG 728
Db 2 AGCCAAAGTGTGAGGAG 17

RESULT 1393
US-09-866-108A-8401
; Sequence 8401, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8401
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8494

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCTC 420
Db 16 CTCATCCACAGGCTC 1

RESULT 1395
US-09-866-108A-8504
; Sequence 8504, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR APPLICATION NUMBER: PCT/US01/006659
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application Number removed
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8504
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8504

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Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 724 AGGAGCTGCGGTACAG 739  
 |||||  
 Db 2 ATGAGCAGCTGTACAG 17

RESULT 1396

US-09-866-108A-8505

Sequence 8505, Application US/098666108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AECOMICA-7

CURRENT APPLICATION NUMBER: US/09/866.108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aecomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 8505

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-8505

Query Match	1.3%	Score 11.2	DB 1	Length 17
Best Local Similarity	81.2%	Pred. No. 7.5e+00		
Matches 13	Conservative 0	Mismatches 3	Indels	
QY	724	AGGAGCTGCGGTACAG	739	
Db	1	ATGAGCAGCTGTACAG	16	

RESULT 1397  
US-09-866-108A-8545  
Sequence 8545, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIORITY APPLICATION NUMBER: US 60/207,456  
PRIORITY FILING DATE: 2000-05-26  
PRIORITY APPLICATION NUMBER: GB 24263.6  
PRIORITY FILING DATE: 2000-10-04  
PRIORITY APPLICATION NUMBER: US 60/236,359  
PRIORITY FILING DATE: 2000-09-27  
PRIORITY APPLICATION NUMBER: PCT/US01/00666  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00667  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00664  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00669  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00665  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00668  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00663  
PRIORITY FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8545  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8545

Query Match	1.3%	Score 11.2;	DB 1;	Length 17;
Best Local Similarity	81.3%;	Prod. No. 7.5e+02;		
Matches 13;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
QY	659	CTGAAGCTCAGATG	684	
Db	2	CTGAAGCGCATCGATG	17	

RESULT 1398  
US-09-866-108A-8546  
; Sequence 8546, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yongshang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT:

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8546

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGT 684
Db      1 CTGAAGCGCATCATG 16

RESULT 1399
US-09-866-108A-8620/c
; Sequence 8620, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8546

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGT 684
Db      1 CTGAAGCGCATCATG 16

RESULT 1399
US-09-866-108A-8620/c
; Sequence 8620, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8546

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8620
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8620

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      714 GCCAAATTTCAGGAGC 729
Db      17 GCCCAATGTCAGCAGC 2

RESULT 1400
US-09-866-108A-8621/c
; Sequence 8621, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8621
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8621

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PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8781  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8781

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGTG 684  
Db 17 CTCTAGGTCACAGTG 2

RESULT 1404  
US-09-866-108A-8782/c  
Sequence 8782, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8782  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-09-866-108A-8782

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGTG 684  
Db 16 CTCTAGGTCACAGTG 1

RESULT 1405  
US-09-866-108A-8949  
Sequence 8949, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8949  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8949

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 458 CCAGGAAGAGCTCCAG 473  
Db 2 CCTGGAAGAGCTGAAG 17

RESULT 1406  
US-09-866-108A-8951  
Sequence 8951, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang

```

; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8951

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 459 CAGAGAGCTCCAGG 474
| | | | | | | | | |
1 CTGGAAGAGCTGAAGG 16

Db

RESULT 1407
US-09-866-108A-8968
; Sequence 8968, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8951

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8968
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8968

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 759 GAGATGGCAGACTGG 774
| | | | | | | | | |
2 GACATGGAGAGCTGG 17

Db

RESULT 1408
US-09-866-108A-8969
; Sequence 8969, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8969
; LENGTH: 17
; TYPE: DNA

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9036

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 334 TGGAGCAACTGGTGC 349
DB 1 TGGAGCAACTGGCAGC 16

RESULT 1413
US-09-866-108A-9098
; Sequence 9098, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9098
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9098

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 376 TGGCCGTCCTGGTGC 391
DB 2 TTGCGGACCTGCAGC 17

RESULT 1414
US-09-866-108A-9099
; Sequence 9099, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9036
; LENGTH: 17
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/ APPLICANT: GU, Yizhong  
 / APPLICANT: JI, Yonggang  
 / APPLICANT: PENN, Sharron G.  
 / APPLICANT: HANZEL, David K.  
 / APPLICANT: RANK, David R.  
 / APPLICANT: CHEN, Wensheng  
 / APPLICANT: SHANNON, Mark  
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 / FILE REFERENCE: AEOMICA-7  
 / CURRENT APPLICATION NUMBER: US/09/866,108A  
 / CURRENT FILING DATE: 2001-05-25  
 / PRIOR APPLICATION NUMBER: US 60/207,456  
 / PRIOR FILING DATE: 2000-05-26  
 / PRIOR APPLICATION NUMBER: GB 24263.6  
 / PRIOR FILING DATE: 2000-10-04  
 / PRIOR APPLICATION NUMBER: US 60/236,359  
 / PRIOR FILING DATE: 2000-09-27  
 / PRIOR APPLICATION NUMBER: PCT/US01/006666  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006667  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006664  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006669  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006655  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006668  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006663  
 / PRIOR FILING DATE: 2001-01-30  
 / Remaining Prior Application data removed - See File Wrapper or PALM.  
 / NUMBER OF SEQ ID NOS: 15755  
 / SOFTWARE: Aecomica Sequence Listing Engine  
 / Patent No. 6686188  
 / SEQ ID NO 9099  
 / LENGTH: 17  
 / TYPE: DNA  
 / ORGANISM: Homo sapiens  
 / US-09-866-108A-9099

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 7.5e-02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps

QY 376 TGGCGCTCTGCTGGC 391  
 Db 1 TTCCGACCTGCAGGC 16

RESULT 1415  
 US-09-866-108A-9100  
 / Sequence 9100, Application US/09866108A  
 / Patent No. 6686188  
 / GENERAL INFORMATION:  
 / APPLICANT: GU, Yizhong  
 / APPLICANT: JI, Yonggang  
 / APPLICANT: PENN, Sharron G.  
 / APPLICANT: HANZEL, David K.  
 / APPLICANT: RANK, David R.  
 / APPLICANT: CHEN, Wensheng  
 / APPLICANT: SHANNON, Mark  
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 / FILE REFERENCE: AEOMICA-7  
 / CURRENT APPLICATION NUMBER: US/09/866,108A  
 / CURRENT FILING DATE: 2001-05-25  
 / PRIOR APPLICATION NUMBER: US 60/207,456  
 / PRIOR FILING DATE: 2000-05-26  
 / PRIOR APPLICATION NUMBER: GB 24263.6  
 / PRIOR FILING DATE: 2000-10-04  
 / PRIOR APPLICATION NUMBER: US 60/236,359  
 / PRIOR FILING DATE: 2000-09-27  
 / PRIOR APPLICATION NUMBER: PCT/US01/006666

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-9101

Query Match

Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 378 GCCGCTCTGCTGGCGG 393

Db 1 GCCGACCTGAGGCTG 16

RESULT 1417

US-09-866-108A-9212/c

; Sequence 9212, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: AeoMica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 9212

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-9212

Query Match

Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 823 TGGGTGCTGAAGCTGG 838

Db 17 TGGGAGCTGAGGATGG 2

RESULT 1418

US-09-866-108A-9213/c

; Sequence 9213, Application US/09866108A

; Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOmica-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

SOFTWARE: AeoMica Sequence Listing Engine

NUMBER OF SEQ ID NOS: 15755

Patent No. 6686188

SEQ ID NO 9213

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-9213

Query Match

Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 823 TGGGTGCTGAAGCTGG 838

Db 16 TGGGAGCTGAGGATGG 1

RESULT 1419

US-09-866-108A-9215

; Sequence 9215, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOmica-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9215
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9215

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      202 TCCTGGGTCCAGCC 217
DB      2 TCCTCAGCTCCAGCC 17

RESULT 1420
US-09-866-108A-9215
; Sequence 9215, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9216
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9216

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      202 TCCTGGGTCCAGCC 217
DB      2 TCCTCAGCTCCAGCC 17

RESULT 1420
US-09-866-108A-9216
; Sequence 9216, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
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; SEQ ID NO 9216
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9216

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      202 TCCTGGGTCCAGCC 217
DB      1 TCCTCAGCTCCAGCC 16

RESULT 1421
US-09-866-108A-9245/c
; Sequence 9245, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9245
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9245

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      617 CATCTCAACCCAGCGCT 632
DB      17 CAGCTCAACCCAGCT 2

RESULT 1422
US-09-866-108A-9246/c
; Sequence 9246, Application US/09866108A
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; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9246
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9246

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7,5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 617 CATCTCAACGAGGCT 632
   |||||
DB 16 CAGCTCAACGAGGACT 1

RESULT 1423
US-09-866-108A-9625
; Sequence 9625, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9246
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9246

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7,5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 617 CATCTCAACGAGGCT 632
   |||||
DB 16 CAGCTCAACGAGGACT 1

RESULT 1423
US-09-866-108A-9625
; Sequence 9625, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9246
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9246

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7,5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 456 TTCAGGAGAGCTCC 471
   |||||
DB 2 TTCGTGGAGGGCTCC 17

RESULT 1424
US-09-866-108A-9626
; Sequence 9626, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9625
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9625

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; Patent No. 6686188
; SEQ ID NO 9626
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9626

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 456 TTCGAGGAAGCTCC 471
Db 1 TTCGTGGAAGGCTCC 16

RESULT 1425
US-09-866-108A-10207
; Sequence 10207, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10208
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10208

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 417 GCTCTCGGCTGCC 432
Db 1 GCTATCCGAAGCCCC 16

RESULT 1427
US-09-866-108A-10476
; Sequence 10476, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
```

; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 10476  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-10476

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 597 CGGTGGCGGTGGACG 612  
|||||  
DB 2 CGGTGGCGGTGGACG 17

## RESULT 1428

US-09-866-108A-10476  
; Sequence 10478, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 10478  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-10478

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 598 CGTGGCGGTGGACGT 613  
|||||  
DB 1 CGTGGCGGTGGACGT 16

## RESULT 1429

PCT-US91-03056-13  
; Sequence 13, Application PC/TUS9103056  
; GENERAL INFORMATION:  
; APPLICANT: Vakharia, Vikram  
; TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES  
; TITLE OF INVENTION: ASSOCIATED WITH US INDV VARIANTS, VECTOR CARRYING DNA  
; TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID  
; TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Viviana Amzel, Ph.D.  
; STREET: 112 East Pecan, 2000 NBC Bank Plaza  
; CITY: San Antonio  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 78205  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/03056  
; FILING DATE: 19910718  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/514,202  
; FILING DATE: 14-MAY-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Amzel Ph.D., Viviana  
; REGISTRATION NUMBER: 30,930  
; REFERENCE/DOCKET NUMBER: U-0125.02  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 512/554-5325  
; TELEFAX: 512/226-8395  
; TELEX: 762609  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
PCT-US91-03056-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 491 GGATCTAATTGGGAT 506  
|||||  
DB 2 GGATCTAATTGGGAT 17

## RESULT 1430

PCT-US94-02629-13

; Sequence 13, Application PC/TUS9402629  
; GENERAL INFORMATION:  
; APPLICANT: King Te-Piao  
; TITLE OF INVENTION: CLONING AND RECOMBINANT PRODUCTION OF  
; TITLE OF INVENTION: VESPID VENOM ENZYMES, SUCH AS PHOSPHOLIPASE AND  
; TITLE OF INVENTION: HYALURONIDASE, AND IMMUNOLOGICAL THERAPIES BASED THEREON  
; NUMBER OF SEQUENCES: 62  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/02629  
; FILING DATE: 10-MAR-1994  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/180,209  
; FILING DATE: 11-JAN-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/031,400  
; FILING DATE: 11-MAR-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-074 PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; PCT-US94-02629-13  
; Query Match 1.3%; Score 11.2; DB 1; Length 17;  
; Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
; QY 364 CACAAGAGCGCTCTGGC 379  
; DB 2 CATAAGAGCGCTCTGAC 17  
; RESULT 1431  
; 5486454-15/c  
; Patent No. 5486454  
; APPLICANT: MADONNA, Jane M., WOODS, DEREK  
; TITLE OF INVENTION: NUCLEIC ACID PROBE FOR THE DETECTION OF  
; SALMONELLA HUMAN PATHOGENS  
; NUMBER OF SEQUENCES: 20  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/243,749  
; FILING DATE: 17-MAY-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 26,256  
; FILING DATE: 04-MAR-1993  
; APPLICATION NUMBER: 672,743  
; FILING DATE: 21-MAR-1991  
; APPLICATION NUMBER: 309,441  
; FILING DATE: 13-FEB-1989  
; SEQ ID NO:16;

; LENGTH: 17  
; 5486454-16  
; Query Match 1.3%; Score 11.2; DB 1; Length 17;  
; Best Local Similarity 81.2%; Pred. No. 7.5e+02;  
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
; QY 221 TCCAGAAAGTGACGGCC 236  
; DB 16 TCCGAAAGTGGCGGCC 1  
; RESULT 1432  
; US-08-958-642-15/c  
; Sequence 15, Application US/08958642  
; Patent No. 5948623  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: NOVEL METHOD FOR TESTING THE  
; TITLE OF INVENTION: DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL  
; NUMBER OF SEQUENCES: 16  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/958,642  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/778,423  
; FILING DATE: December 31, 1996  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "oligonucleotide"  
; US-08-958-642-15  
; Query Match 1.3%; Score 11.2; DB 1; Length 18;  
; Best Local Similarity 81.2%; Pred. No. 8.2e+02;  
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
; QY 266 GAGCACCTTCAGAAAG 281  
; DB 16 GAGCTCCTTCTGGAAG 1  
; RESULT 1433  
; US-08-778-423A-15/c  
; Sequence 15, Application US/08778423A  
; Patent No. 6071697  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: NOVEL METHOD FOR TESTING THE  
; TITLE OF INVENTION: DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL  
; NUMBER OF SEQUENCES: 16  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/778,423A  
; FILING DATE: December 31, 1996  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide"  
US-08-778-423A-15

Query Match  
Best Local Similarity 81.2%; Score 11.2; DB 1; Length 18;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 266 GAGCACCTTCAGAAAG 281  
Db 16 GAGCTCCTTCTGGAAG 1

RESULT 1434  
US-08-446-926A-4/c  
Sequence 4, Application US/08446926A  
Patent No. 5567586  
GENERAL INFORMATION:  
APPLICANT: Croce, Carlo M.  
TITLE OF INVENTION: METHODS OF IDENTIFYING SOLID TUMORS WITH  
TITLE OF INVENTION: CHROMOSOME ABNORMALITIES IN THE ALL-1 REGION  
TITLE OF INVENTION: AND DIAGNOSTIC KITS FOR PERFORMING SAME  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5567586ris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/446,926A  
FILING DATE: 18-MAY-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mark DeLuca  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-1466  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-446-926A-4

Query Match  
Best Local Similarity 81.2%; Score 11.2; DB 1; Length 20;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 675 CTCACAGATGGATCTG 690  
Db 19 CTCACAGATCCATCTG 4

RESULT 1435  
US-08-545-860D-86/c  
Sequence 86, Application US/08545860D  
Patent No. 6040140  
GENERAL INFORMATION:  
APPLICANT: Croce, Carlo  
APPLICANT: Canaani, Eli

TYPE OF INVENTION: Diagnostics, Therapeutics and Methods  
TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias  
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1 Region  
NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &  
ADDRESSEE: No. 6040140ris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/545,860D  
FILING DATE: 07-MAR-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/04496  
FILING DATE: 22-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/10930  
FILING DATE: 09-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/327,392  
FILING DATE: 19-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/320,559  
FILING DATE: 11-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/062,443  
FILING DATE: 14-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/971,094  
FILING DATE: 30-OCT-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/888,839  
FILING DATE: 27-MAY-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/805,093  
FILING DATE: 11-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: DeLuca, Esq., Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-1262  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 86:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-545-860D-86

Query Match  
Best Local Similarity 81.2%; Score 11.2; DB 1; Length 20;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 675 CTCACAGATGGATCTG 690  
Db 19 CTCACAGATCCATCTG 4

RESULT 1436



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PCT-US94-04496-86/c
; Sequence 86, Application PC/TUS9404496
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
; ADDRESSEE: Norris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04496
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca Esq., Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1242
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US94-04496-86

Query Match 1.3%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 675 CTCACAGATCGATCTG 690
Db 19 CTCACAGATCGATCTG 4

RESULT 1437
US-08-837-201C-99
; Sequence 99, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

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; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201C
; FILING DATE: April 14, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-837-201C-99

Query Match 1.3%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GCGGGTGGACGTGC 616
Db 3 GGCTGGTGAGATGCG 18

RESULT 1438
US-09-364-416-99
; Sequence 99, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:

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SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-364-416-99

Query Match 1.3%; Score 11.2; DB 1; Length 20;  
Best Local Similarity 81.2%; Pred. No. 9.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GCGCGGTGACGTGGC 616  
||| ||||| |||||  
DB 3 GGCTGGTGAGATGCC 18

## RESULT 1439

US-09-697-074-5/c  
Sequence 5, Application US/09697074  
Patent No. 6573050  
GENERAL INFORMATION:  
APPLICANT: BEN-DAVID, Yaacov  
APPLICANT: PAK, Brian J.  
APPLICANT: KERBEL, Robert  
TITLE OF INVENTION: TREATMENT, DIAGNOSIS AND EVALUATION OF ANTI-CANCER  
FILE REFERENCE: 0030-0201P  
CURRENT APPLICATION NUMBER: US/09/697,074  
CURRENT FILING DATE: 2000-10-27  
PRIOR APPLICATION NUMBER: US 60/162,227  
PRIOR FILING DATE: 1999-10-29  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: Patent in Ver. 1  
SEQ ID NO 5  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Antisense  
OTHER INFORMATION: Oligonucleotide derived from TYR2.  
US-09-697-074-5

Query Match 1.3%; Score 11.2; DB 1; Length 20;  
Best Local Similarity 81.2%; Pred. No. 9.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 878 CATTGAGTCTCTCAT 893  
||| ||||| |||||  
DB 16 CATCAAGGACCTGCAT 1

## RESULT 1440

US-09-474-432B-95/c  
Sequence 95, Application US/0947432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
FILE REFERENCE: MEH800-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 95  
LENGTH: 15  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-95

Query Match 1.3%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 GCTGCAGCTCC 157  
||||| |||||  
DB 12 GCTGCAGCTCC 2

## RESULT 1441

US-09-476-387-95/c  
Sequence 95, Application US/09476387  
Patent No. 6617438  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
FILE REFERENCE: MEH800-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
CURRENT FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
NUMBER OF SEQ ID NOS: 1524  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 95  
LENGTH: 15  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-476-387-95

Query Match 1.3%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 GCTGCAGCTCC 157  
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DB 12 GCTGCAGCTCC 2

## RESULT 1442

US-08-412-376-40  
Sequence 40, Application US/08412376  
Patent No. 5849900  
GENERAL INFORMATION:  
APPLICANT: Mcelling, Karin  
TITLE OF INVENTION: Inhibition Of Viruses By Antisense  
TITLE OF INVENTION: Oligomers Capable Of Binding To Polypurine-Rich Tract Of Single  
TITLE OF INVENTION: Stranded RNA Or RNA-DNA Hybrids

```

; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSER: Mackiewicz & No. 5849900ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/412,376
; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,184
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Doreen Yanko Trujillo
; REGISTRATION NUMBER: 35,719
; REFERENCE/DOCKET NUMBER: APOL-0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-412-376-40

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Query Match 1.3%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 934 GGTTCGTTT 944
Db 6 GGTTCGTTT 16

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Search completed: July 29, 2004, 15:51:33  
Job time : 18 secs



GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: July 29, 2004, 15:58:09 ; Search time 13 Seconds  
(without alignments)

3.915 Million cell updates/sec

Title: US-09-904-568-1

Perfect score: 835

Sequence: 1 atgtctgttgggggtgc.....gagtcacagctgggcagg 835

Scoring table: IDENTITY NUC

Gapop 10.0 , Capext 0.5

Searched: 1583 seqs, 30478 residues

Total number of hits satisfying chosen parameters: 3166

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1619 summaries

Database : rnpbdb:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

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C 114	15.6	1.9	24	1	US-09-978-295A-246	Sequence 246, App	C 187	15.6	1.9	24	1	US-10-013-922A-246	Sequence 246, App
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C 137	15.6	1.9	24	1	US-09-978-298A-246	Sequence 246, App	C 210	15.2	1.8	20	1	US-10-006-856A-447	Sequence 447, App
C 138	15.6	1.9	24	1	US-09-978-188A-246	Sequence 246, App	C 211	15.2	1.8	20	1	US-10-006-818A-447	Sequence 447, App
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C 143	15.6	1.9	24	1	US-09-978-544A-246	Sequence 246, App	C 216	15.2	1.8	20	1	US-10-006-117A-447	Sequence 447, App
C 144	15.6	1.9	24	1	US-09-978-655A-246	Sequence 246, App	C 217	15.2	1.8	20	1	US-10-017-527A-447	Sequence 447, App
C 145	15.6	1.9	24	1	US-09-978-802A-246	Sequence 246, App	C 218	15.2	1.8	20	1	US-10-013-913A-447	Sequence 447, App
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C 147	15.6	1.9	24	1	US-09-999-831A-246	Sequence 246, App	C 220	15.2	1.8	20	1	US-10-013-430A-447	Sequence 447, App
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C 152	15.6	1.9	24	1	US-10-145-088A-246	Sequence 246, App	C 225	15.2	1.8	20	1	US-10-006-768A-447	Sequence 447, App
C 153	15.6	1.9	24	1	US-10-145-092A-246	Sequence 246, App	C 226	15.2	1.8	20	1	US-10-017-610A-447	Sequence 447, App
C 154	15.6	1.9	24	1	US-10-145-129A-246	Sequence 246, App	C 227	15.2	1.8	20	1	US-10-006-063A-447	Sequence 447, App
C 155	15.6	1.9	24	1	US-10-165-038A-246	Sequence 246, App	C 228	15.2	1.8	20	1	US-10-020-063A-447	Sequence 447, App
C 156	15.6	1.9	24	1	US-10-165-353A-246	Sequence 246, App	C 229	15.2	1.8	20	1	US-10-015-391A-447	Sequence 447, App
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C 158	15.6	1.9	24	1	US-10-170-481A-246	Sequence 246, App	C 231	15.2	1.8	20	1	US-10-011-833A-447	Sequence 447, App
C 159	15.6	1.9	24	1	US-10-172-039A-246	Sequence 246, App	C 232	15.2	1.8	20	1	US-10-006-041A-447	Sequence 447, App
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C 164	15.6	1.9	24	1	US-10-013-929A-246	Sequence 246, App	C 237	15.2	1.8	20	1	US-10-017-253A-447	Sequence 447, App
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C 179	15.6	1.9	24	1	US-10-013-926A-246	Sequence 246, App	C 252	15.2	1.8	20	1	US-10-012-101B-447	Sequence 447, App

C 253	15.2	1.8	20	1	US-10-015-480A-447	Sequence 447, App	326	15.2	1.8	23	1	US-10-012-237A-318	Sequence 318, App
C 254	15.2	1.8	20	1	US-10-015-715A-447	Sequence 447, App	327	15.2	1.8	23	1	US-10-013-906A-318	Sequence 318, App
C 255	15.2	1.8	20	1	US-10-012-237A-447	Sequence 447, App	328	15.2	1.8	23	1	US-10-015-388A-318	Sequence 318, App
C 256	15.2	1.8	20	1	US-10-013-906A-447	Sequence 447, App	329	15.2	1.8	23	1	US-10-012-753A-318	Sequence 318, App
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C 262	15.2	1.8	20	1	US-10-015-389A-447	Sequence 447, App	335	15.2	1.8	23	1	US-10-015-394A-318	Sequence 318, App
C 263	15.2	1.8	20	1	US-10-015-519A-447	Sequence 447, App	336	15.2	1.8	23	1	US-10-015-390A-318	Sequence 318, App
C 264	15.2	1.8	20	1	US-10-013-915A-447	Sequence 447, App	337	15.2	1.8	23	1	US-10-006-746A-318	Sequence 318, App
C 265	15.2	1.8	20	1	US-10-015-394A-447	Sequence 447, App	338	15.2	1.8	23	1	US-10-011-795A-318	Sequence 318, App
C 266	15.2	1.8	20	1	US-10-015-390A-447	Sequence 447, App	339	15.2	1.8	23	1	US-10-012-231A-318	Sequence 318, App
C 267	15.2	1.8	20	1	US-10-006-746A-447	Sequence 447, App	340	15	1.8	21	1	US-10-108-260A-5027	Sequence 5027, Ap
C 268	15.2	1.8	20	1	US-10-175-492-15	Sequence 15, Appl	C 341	15	1.8	21	1	US-09-864-636A-2510	Sequence 2510, Ap
C 269	15.2	1.8	20	1	US-10-175-492-93	Sequence 93, Appl	C 342	15	1.8	21	1	US-09-864-426A-2510	Sequence 2510, Ap
C 270	15.2	1.8	20	1	US-10-011-795A-447	Sequence 447, App	C 343	15	1.8	21	1	US-10-084-839-2510	Sequence 2510, Ap
C 271	15.2	1.8	20	1	US-10-012-231A-447	Sequence 447, App	C 344	15	1.8	22	1	US-09-864-636A-2514	Sequence 2514, Ap
C 272	15.2	1.8	20	1	US-10-303-420-48	Sequence 48, Appl	C 345	15	1.8	22	1	US-09-864-426A-2514	Sequence 2514, Ap
C 273	15.2	1.8	21	1	US-10-373-406B-30	Sequence 30, Appl	C 346	15	1.8	22	1	US-10-084-839-2514	Sequence 2514, Ap
C 274	15.2	1.8	21	1	US-10-318-855-7	Sequence 7, Appl	C 347	15	1.8	23	1	US-09-854-495-10	Sequence 10, Appl
C 275	15.2	1.8	23	1	US-09-946-374-318	Sequence 318, App	C 348	15	1.8	23	1	US-09-864-636A-2517	Sequence 2517, App
C 276	15.2	1.8	23	1	US-10-015-395A-318	Sequence 318, App	C 349	15	1.8	23	1	US-09-864-426A-2517	Sequence 2517, App
C 277	15.2	1.8	23	1	US-10-006-485A-318	Sequence 318, App	C 350	15	1.8	23	1	US-09-771-355-9	Sequence 9, Appl
C 278	15.2	1.8	23	1	US-10-013-907A-318	Sequence 318, App	C 351	15	1.8	23	1	US-10-084-839-2517	Sequence 2517, App
C 279	15.2	1.8	23	1	US-10-015-499A-318	Sequence 318, App	C 352	14.8	1.8	20	1	US-09-860-761-1	Sequence 1, Appl
C 280	15.2	1.8	23	1	US-10-226-254A-318	Sequence 318, App	C 353	14.8	1.8	20	1	US-09-940-925A-63	Sequence 63, Appl
C 281	15.2	1.8	23	1	US-10-006-856A-318	Sequence 318, App	C 354	14.8	1.8	20	1	US-09-870-406A-10	Sequence 10, Appl
C 282	15.2	1.8	23	1	US-10-006-818A-318	Sequence 318, App	C 355	14.8	1.8	20	1	US-09-941-193A-63	Sequence 63, Appl
C 283	15.2	1.8	23	1	US-10-015-393A-318	Sequence 318, App	C 356	14.8	1.8	20	1	US-10-160-497-52	Sequence 52, Appl
C 284	15.2	1.8	23	1	US-10-015-869A-318	Sequence 318, App	C 357	14.8	1.8	20	1	US-10-160-497-113	Sequence 113, App
C 285	15.2	1.8	23	1	US-10-012-121A-318	Sequence 318, App	C 358	14.8	1.8	20	1	US-10-348-750-52	Sequence 52, Appl
C 286	15.2	1.8	23	1	US-10-006-116A-318	Sequence 318, App	C 359	14.8	1.8	20	1	US-10-348-750-113	Sequence 113, App
C 287	15.2	1.8	23	1	US-10-006-117A-318	Sequence 318, App	C 360	14.8	1.8	20	1	US-10-159-901-10	Sequence 10, Appl
C 288	15.2	1.8	23	1	US-10-017-527A-318	Sequence 318, App	C 361	14.8	1.8	20	1	US-10-001-844-26	Sequence 26, Appl
C 289	15.2	1.8	23	1	US-10-013-913A-318	Sequence 318, App	C 362	14.8	1.8	20	1	US-10-167-034-71	Sequence 71, Appl
C 290	15.2	1.8	23	1	US-10-007-194A-318	Sequence 318, App	C 363	14.8	1.8	20	1	US-10-167-034-135	Sequence 135, App
C 291	15.2	1.8	23	1	US-10-013-430A-318	Sequence 318, App	C 364	14.8	1.8	20	1	US-10-210-589-50	Sequence 50, Appl
C 292	15.2	1.8	23	1	US-10-011-671A-318	Sequence 318, App	C 365	14.8	1.8	21	1	US-10-648-593-551	Sequence 551, App
C 293	15.2	1.8	23	1	US-10-012-755A-318	Sequence 318, App	C 366	14.8	1.8	22	1	US-10-318-855-10	Sequence 10, Appl
C 294	15.2	1.8	23	1	US-10-015-386A-318	Sequence 318, App	C 367	14.6	1.7	21	1	US-09-798-058-13	Sequence 13, Appl
C 295	15.2	1.8	23	1	US-10-011-692A-318	Sequence 318, App	C 368	14.6	1.7	21	1	US-10-373-406B-25	Sequence 25, Appl
C 296	15.2	1.8	23	1	US-10-006-768A-318	Sequence 318, App	C 369	14.6	1.7	21	1	US-10-083-246A-25	Sequence 25, Appl
C 297	15.2	1.8	23	1	US-10-017-610A-318	Sequence 318, App	C 370	14.6	1.7	21	1	US-10-170-221-27	Sequence 27, Appl
C 298	15.2	1.8	23	1	US-10-006-063A-318	Sequence 318, App	C 371	14.6	1.7	21	1	US-10-220-418-13	Sequence 13, Appl
C 299	15.2	1.8	23	1	US-10-020-063A-318	Sequence 318, App	C 372	14.6	1.7	21	1	US-10-444-795B-546	Sequence 546, App
C 300	15.2	1.8	23	1	US-10-015-391A-318	Sequence 318, App	C 373	14.6	1.7	21	1	US-10-648-593-552	Sequence 552, App
C 301	15.2	1.8	23	1	US-10-017-407A-318	Sequence 318, App	C 374	14.6	1.7	22	1	US-09-930-218-9	Sequence 9, Appl
C 302	15.2	1.8	23	1	US-10-011-833A-318	Sequence 318, App	C 375	14.6	1.7	22	1	US-10-431-438-9	Sequence 9, Appl
C 303	15.2	1.8	23	1	US-10-006-041A-318	Sequence 318, App	C 376	14.6	1.7	22	1	US-10-332-964-5	Sequence 5, Appl
C 304	15.2	1.8	23	1	US-10-015-822A-318	Sequence 318, App	C 377	14.4	1.7	17	1	US-09-818-875-35	Sequence 35, Appl
C 305	15.2	1.8	23	1	US-10-015-387A-318	Sequence 318, App	C 378	14.4	1.7	17	1	US-09-818-875-36	Sequence 36, Appl
C 306	15.2	1.8	23	1	US-10-006-130A-318	Sequence 318, App	C 379	14.4	1.7	17	1	US-09-818-875-39	Sequence 39, Appl
C 307	15.2	1.8	23	1	US-10-006-172A-318	Sequence 318, App	C 380	14.4	1.7	17	1	US-09-818-875-40	Sequence 40, Appl
C 308	15.2	1.8	23	1	US-10-017-253A-318	Sequence 318, App	C 381	14.4	1.7	17	1	US-09-818-875-43	Sequence 43, Appl
C 309	15.2	1.8	23	1	US-10-015-394A-318	Sequence 318, App	C 382	14.4	1.7	17	1	US-09-818-875-44	Sequence 44, Appl
C 310	15.2	1.8	23	1	US-10-017-306A-318	Sequence 318, App	C 383	14.4	1.7	17	1	US-09-792-818-388	Sequence 388, App
C 311	15.2	1.8	23	1	US-10-017-867A-318	Sequence 318, App	C 384	14.4	1.7	17	1	US-09-792-818-389	Sequence 389, App
C 312	15.2	1.8	23	1	US-10-012-064A-318	Sequence 318, App	C 385	14.4	1.7	17	1	US-10-209-787-35	Sequence 35, Appl
C 313	15.2	1.8	23	1	US-10-013-909A-318	Sequence 318, App	C 386	14.4	1.7	17	1	US-10-209-787-36	Sequence 36, Appl
C 314	15.2	1.8	23	1	US-10-015-671A-318	Sequence 318, App	C 387	14.4	1.7	17	1	US-10-209-787-39	Sequence 39, Appl
C 315	15.2	1.8	23	1	US-10-015-610A-318	Sequence 318, App	C 388	14.4	1.7	17	1	US-10-209-787-40	Sequence 40, Appl
C 316	15.2	1.8	23	1	US-10-012-137A-318	Sequence 318, App	C 389	14.4	1.7	17	1	US-10-209-787-43	Sequence 43, Appl
C 317	15.2	1.8	23	1	US-10-012-752A-318	Sequence 318, App	C 390	14.4	1.7	17	1	US-10-209-787-44	Sequence 44, Appl
C 318	15.2	1.8	23	1	US-10-012-754A-318	Sequence 318, App	C 391	14.4	1.7	17	1	US-10-261-185-35	Sequence 35, Appl
C 319	15.2	1.8	23	1	US-10-013-910A-318	Sequence 318, App	C 392	14.4	1.7	17	1	US-10-261-185-36	Sequence 36, Appl
C 320	15.2	1.8	23	1	US-10-013-911A-318	Sequence 318, App	C 393	14.4	1.7	17	1	US-10-261-185-39	Sequence 39, Appl
C 321	15.2	1.8	23	1	US-10-013-912A-318	Sequence 318, App	C 394	14.4	1.7	17	1	US-10-261-185-40	Sequence 40, Appl
C 322	15.2	1.8	23	1	US-10-015-653A-318	Sequence 318, App	C 395	14.4	1.7	17	1	US-10-261-185-43	Sequence 43, Appl
C 323	15.2	1.8	23	1	US-10-012-101B-318	Sequence 318, App	C 396	14.4	1.7	17	1	US-10-261-185-44	Sequence 44, Appl
C 324	15.2	1.8	23	1	US-10-015-480A-318	Sequence 318, App	C 397	14.4	1.7	18	1	US-10-384-491-203	Sequence 203, App
C 325	15.2	1.8	23	1	US-10-015-715A-318	Sequence 318, App	C 398	14.4	1.7	20	1	US-09-791-406-30	Sequence 30, Appl

C 399	14.4	1.7	20	1	US-09-948-002-51	Sequence 51, Appl	472	13.8	1.7	19	1	US-09-825-155-5	Sequence 5, Appl
C 400	14.4	1.7	20	1	US-10-633-163-51	Sequence 31, Appl	473	13.8	1.7	19	1	US-10-224-005-26	Sequence 26, Appl
C 401	14.4	1.7	20	1	US-10-007-010-32	Sequence 32, Appl	C 474	13.8	1.7	19	1	US-10-224-005-187	Sequence 187, App
C 402	14.4	1.7	20	1	US-10-024-369-86	Sequence 86, Appl	C 475	13.8	1.7	19	1	US-10-251-117-218	Sequence 218, App
C 403	14.4	1.7	20	1	US-10-160-632-45	Sequence 45, Appl	C 476	13.8	1.7	19	1	US-10-251-117-467	Sequence 467, App
C 404	14.4	1.7	20	1	US-10-277-216-181	Sequence 181, App	C 477	13.8	1.7	19	1	US-10-349-143-7203	Sequence 7203, App
C 405	14.4	1.7	20	1	US-10-126-022-181	Sequence 181, App	C 478	13.8	1.7	19	1	US-10-349-143-10360	Sequence 10360, A
C 406	14.4	1.7	21	1	US-09-997-213-20	Sequence 20, Appl	C 479	13.8	1.7	19	1	US-10-612-121-37	Sequence 37, Appl
C 407	14.4	1.7	21	1	US-10-408-572-10	Sequence 10, Appl	C 480	13.8	1.7	20	1	US-09-802-669-68	Sequence 68, Appl
C 408	14.4	1.7	21	1	US-10-349-143-5841	Sequence 5841, Ap	C 481	13.8	1.7	20	1	US-08-733-2948-105	Sequence 105, App
C 409	14.4	1.7	22	1	US-09-382-860-270	Sequence 270, App	C 482	13.8	1.7	20	1	US-09-780-172-87	Sequence 87, Appl
C 410	14.4	1.7	19	1	US-10-153-219-24	Sequence 24, Appl	C 483	13.8	1.7	20	1	US-09-791-942-60	Sequence 60, Appl
C 411	14.2	1.7	19	1	US-10-314-321A-52	Sequence 52, Appl	C 484	13.8	1.7	20	1	US-10-619-220-68	Sequence 68, Appl
C 412	14.2	1.7	20	1	US-09-752-983-12	Sequence 12, Appl	C 485	13.8	1.7	20	1	US-09-923-517-99	Sequence 99, Appl
C 413	14.2	1.7	20	1	US-09-758-881-26	Sequence 26, Appl	C 486	13.8	1.7	20	1	US-10-054-225-9	Sequence 9, Appl
C 414	14.2	1.7	20	1	US-09-851-771A-305	Sequence 12, Appl	C 487	13.8	1.7	20	1	US-10-181-177-127	Sequence 127, App
C 415	14.2	1.7	20	1	US-09-824-322B-102	Sequence 305, App	C 488	13.8	1.7	20	1	US-10-118-783-14	Sequence 14, Appl
C 416	14.2	1.7	20	1	US-09-952-522B-58	Sequence 58, Appl	C 489	13.8	1.7	20	1	US-10-008-789-4	Sequence 4, Appl
C 417	14.2	1.7	20	1	US-09-864-426A-1287	Sequence 1287, Ap	C 490	13.8	1.7	20	1	US-10-010-002-67	Sequence 67, Appl
C 418	14.2	1.7	20	1	US-09-960-143-39	Sequence 39, Appl	C 491	13.8	1.7	20	1	US-10-024-396-67	Sequence 67, Appl
C 420	14.2	1.7	20	1	US-10-380-020-12	Sequence 12, Appl	C 492	13.8	1.7	20	1	US-10-345-092-132	Sequence 132, App
C 421	14.2	1.7	20	1	US-10-307-817-401	Sequence 401, App	C 493	13.8	1.7	20	1	US-10-142-666-61	Sequence 61, Appl
C 422	14.2	1.7	20	1	US-10-016-149-32	Sequence 32, Appl	C 494	13.8	1.7	20	1	US-10-142-666-73	Sequence 73, Appl
C 423	14.2	1.7	20	1	US-10-226-355-14	Sequence 14, Appl	C 495	13.8	1.7	20	1	US-10-428-617-9	Sequence 9, Appl
C 424	14.2	1.7	20	1	US-10-007-010-14	Sequence 14, Appl	C 496	13.8	1.7	20	1	US-10-430-196-99	Sequence 99, Appl
C 425	14.2	1.7	20	1	US-10-020-478-21	Sequence 21, Appl	C 497	13.8	1.7	20	1	US-10-193-477-107	Sequence 107, App
C 426	14.2	1.7	20	1	US-10-024-396-43	Sequence 43, Appl	C 498	13.8	1.7	20	1	US-10-023-634-118	Sequence 118, App
C 427	14.2	1.7	20	1	US-10-084-839-1297	Sequence 1297, Ap	C 499	13.8	1.7	20	1	US-10-352-179-30	Sequence 30, Appl
C 428	14.2	1.7	20	1	US-10-005-344-12	Sequence 12, Appl	C 500	13.8	1.7	20	1	US-10-210-556-137	Sequence 137, App
C 429	14.2	1.7	20	1	US-10-380-931-155	Sequence 155, App	C 501	13.8	1.7	20	1	US-10-210-556-220	Sequence 220, App
C 430	14.2	1.7	20	1	US-10-181-875-45	Sequence 45, Appl	C 502	13.8	1.7	20	1	US-10-211-908-69	Sequence 69, Appl
C 431	14.2	1.7	20	1	US-10-177-554-51	Sequence 51, Appl	C 503	13.8	1.7	20	1	US-10-304-113-51	Sequence 51, Appl
C 432	14.2	1.7	20	1	US-10-177-554-187	Sequence 187, App	C 504	13.8	1.7	20	1	US-10-315-962-72	Sequence 72, App
C 433	14.2	1.7	20	1	US-10-289-762-1292	Sequence 1292, App	C 505	13.8	1.7	20	1	US-10-315-962-72	Sequence 63, Appl
C 434	14.2	1.7	20	1	US-10-289-762-3333	Sequence 3333, Ap	C 506	13.8	1.7	20	1	US-10-316-231-63	Sequence 135, App
C 435	14.2	1.7	20	1	US-10-274-311-51	Sequence 51, Appl	C 507	13.8	1.7	20	1	US-10-316-231-135	Sequence 69, Appl
C 436	14.2	1.7	20	1	US-10-274-311-51	Sequence 51, Appl	C 508	13.8	1.7	20	1	US-10-317-249-69	Sequence 69, Appl
C 437	14.2	1.7	20	1	US-10-280-183A-538	Sequence 538, App	C 509	13.8	1.7	20	1	US-10-317-249-146	Sequence 146, App
C 438	14.2	1.7	20	1	US-10-300-611-44	Sequence 44, Appl	C 510	13.8	1.7	20	1	US-10-415-463-60	Sequence 60, Appl
C 439	14.2	1.7	21	1	US-10-300-611-112	Sequence 112, App	C 511	13.8	1.7	20	1	US-10-319-908-54	Sequence 54, Appl
C 440	14.2	1.7	21	1	US-10-308-128-14	Sequence 14, Appl	C 512	13.8	1.7	20	1	US-10-744-831-67	Sequence 67, Appl
C 441	14.2	1.7	21	1	US-10-308-128-167	Sequence 167, App	C 513	13.8	1.7	21	1	US-09-765-081-391	Sequence 391, App
C 442	14.2	1.7	21	1	US-10-085-906-510	Sequence 510, App	C 514	13.8	1.7	21	1	US-10-456-881-22	Sequence 22, Appl
C 443	14.2	1.7	21	1	US-10-201-386-32	Sequence 32, Appl	C 515	13.8	1.7	21	1	US-10-456-881-22	Sequence 31, Appl
C 444	14.2	1.7	21	1	US-10-648-593-540	Sequence 540, App	C 516	13.8	1.7	21	1	US-10-104-755-31	Sequence 49, Appl
C 445	14.2	1.7	21	1	US-10-702-496-59	Sequence 59, Appl	C 517	13.8	1.7	21	1	US-10-104-755-49	Sequence 7911, Ap
C 446	14.2	1.7	21	1	US-10-702-496-272	Sequence 272, App	C 518	13.8	1.7	21	1	US-10-349-143-7911	Sequence 8184, Ap
C 447	14	1.7	17	1	US-08-983-603-377	Sequence 377, App	C 519	13.8	1.7	21	1	US-10-349-143-6184	Sequence 230, App
C 448	14	1.7	20	1	US-09-854-883-53	Sequence 53, Appl	C 520	13.8	1.7	21	1	US-10-161-493-230	Sequence 539, App
C 449	14	1.7	20	1	US-10-161-996-124	Sequence 124, App	C 521	13.8	1.7	21	1	US-10-702-496-58	Sequence 58, Appl
C 450	14	1.7	20	1	US-10-161-996-247	Sequence 247, App	C 522	13.8	1.7	21	1	US-10-702-496-271	Sequence 271, App
C 451	14	1.7	20	1	US-10-360-510-53	Sequence 53, Appl	C 523	13.6	1.6	20	1	US-10-274-085-64	Sequence 64, Appl
C 452	14	1.7	20	1	US-10-274-085-64	Sequence 64, Appl	C 524	13.6	1.6	20	1	US-10-274-085-172	Sequence 172, App
C 453	14	1.7	20	1	US-10-274-085-172	Sequence 172, App	C 525	13.6	1.6	20	1	US-09-800-631-39	Sequence 39, Appl
C 454	13.8	1.7	17	1	US-09-866-108-8379	Sequence 8379, Ap	C 526	13.6	1.6	20	1	US-09-791-243-33	Sequence 33, Appl
C 455	13.8	1.7	17	1	US-09-866-108-8381	Sequence 8381, Ap	C 527	13.6	1.6	20	1	US-09-766-450-16	Sequence 16, Appl
C 456	13.8	1.7	17	1	US-09-866-108-8382	Sequence 8382, Ap	C 528	13.6	1.6	20	1	US-09-865-993-89	Sequence 89, Appl
C 457	13.8	1.7	17	1	US-09-866-108-8383	Sequence 8383, Ap	C 529	13.6	1.6	20	1	US-09-915-485-61	Sequence 61, Appl
C 458	13.8	1.7	17	1	US-09-961-077-147	Sequence 147, App	C 530	13.6	1.6	20	1	US-09-953-611-14	Sequence 14, Appl
C 459	13.8	1.7	17	1	US-09-784-674-111	Sequence 111, App	C 531	13.6	1.6	20	1	US-09-915-814-172	Sequence 172, App
C 460	13.8	1.7	17	1	US-09-776-474-441	Sequence 441, App	C 532	13.6	1.6	20	1	US-09-993-731-68	Sequence 68, Appl
C 461	13.8	1.7	17	1	US-09-740-332-2165	Sequence 2165, App	C 533	13.6	1.6	20	1	US-09-793-807-54	Sequence 54, Appl
C 462	13.8	1.7	17	1	US-09-740-332-2390	Sequence 2390, Ap	C 534	13.6	1.6	20	1	US-10-673-063-32	Sequence 32, Appl
C 463	13.8	1.7	17	1	US-09-792-818-386	Sequence 386, App	C 535	13.6	1.6	20	1	US-09-943-984-1	Sequence 1, Appl
C 464	13.8	1.7	17	1	US-09-792-818-387	Sequence 387, App	C 536	13.6	1.6	20	1	US-10-335-977-10010	Sequence 10010, A
C 465	13.8	1.7	17	1	US-09-817-879-2165	Sequence 2165, App	C 537	13.6	1.6	20	1	US-10-144-488-29	Sequence 29, Appl
C 466	13.8	1.7	17	1	US-09-817-879-2390	Sequence 2390, Ap	C 538	13.6	1.6	20	1	US-10-160-497-25	Sequence 25, Appl
C 467	13.8	1.7	17	1	US-10-203-224-20	Sequence 20, Appl	C 539	13.6	1.6	20	1	US-10-160-497-97	Sequence 97, Appl
C 468	13.8	1.7	18	1	US-09-969-373-4310	Sequence 4310, Ap	C 540	13.6	1.6	20	1	US-10-161-996-147	Sequence 147, App
C 469	13.8	1.7	18	1	US-10-388-281-24	Sequence 24, Appl	C 541	13.6	1.6	20	1	US-10-161-996-265	Sequence 265, App
C 470	13.8	1.7	18	1	US-10-388-263-241	Sequence 241, App	C 542	13.6	1.6	20	1	US-10-162-846-41	Sequence 41, Appl
C 471	13.8	1.7	18	1	US-10-303-420-14	Sequence 14, Appl	C 543	13.6	1.6	20	1	US-10-162-846-111	Sequence 111, App
C 472	13.8	1.7	18	1			C 544	13.6	1.6	20	1	US-10-181-874-60	Sequence 60, Appl



545	13.6	20	1	US-10-144-140-50	Sequence 50, Appl	C 618	13.4	1.6	17	1	US-09-780-533A-1296	Sequence 1296, Ap
546	13.6	20	1	US-10-348-750-25	Sequence 25, Appl	C 619	13.4	1.6	17	1	US-09-780-533A-1700	Sequence 1700, Ap
547	13.6	20	1	US-10-348-750-97	Sequence 97, Appl	C 620	13.4	1.6	17	1	US-09-848-754A-1664	Sequence 1664, Ap
548	13.6	20	1	US-10-106-623-11	Sequence 11, Appl	C 621	13.4	1.6	17	1	US-09-848-754A-1665	Sequence 1665, Ap
549	13.6	20	1	US-10-045-072-33	Sequence 33, Appl	C 622	13.4	1.6	17	1	US-09-740-332-1925	Sequence 1925, Ap
550	13.6	20	1	US-10-057-550-33	Sequence 33, Appl	C 623	13.4	1.6	17	1	US-09-740-332-2629	Sequence 2629, Ap
551	13.6	20	1	US-10-045-633A-5	Sequence 5, Appl	C 624	13.4	1.6	17	1	US-09-792-818-390	Sequence 390, App
552	13.6	20	1	US-10-067-123-52	Sequence 52, Appl	C 625	13.4	1.6	17	1	US-09-817-879-1926	Sequence 1926, Ap
553	13.6	20	1	US-10-016-149-31	Sequence 31, Appl	C 626	13.4	1.6	17	1	US-09-817-879-2629	Sequence 2629, Ap
554	13.6	20	1	US-10-173-225B-31	Sequence 31, Appl	C 627	13.4	1.6	17	1	US-10-163-552-829	Sequence 829, App
555	13.6	20	1	US-10-293-783-39	Sequence 39, Appl	C 628	13.4	1.6	17	1	US-10-209-787-3710	Sequence 3710, Ap
556	13.6	20	1	US-10-241-780-25	Sequence 25, Appl	C 629	13.4	1.6	17	1	US-10-209-787-3711	Sequence 3711, Ap
557	13.6	20	1	US-10-026-952-37	Sequence 37, Appl	C 630	13.4	1.6	17	1	US-10-209-787-3714	Sequence 3714, Ap
558	13.6	20	1	US-10-174-794-8	Sequence 8, Appl	C 631	13.4	1.6	17	1	US-10-209-787-3715	Sequence 3715, Ap
559	13.6	20	1	US-10-369-378-32	Sequence 32, Appl	C 632	13.4	1.6	17	1	US-10-209-787-3718	Sequence 3718, Ap
560	13.6	20	1	US-10-369-378-33	Sequence 33, Appl	C 633	13.4	1.6	17	1	US-10-209-787-3719	Sequence 3719, Ap
561	13.6	20	1	US-10-142-666-55	Sequence 55, Appl	C 634	13.4	1.6	17	1	US-10-307-005-2111	Sequence 2111, Ap
562	13.6	20	1	US-10-142-666-67	Sequence 67, Appl	C 635	13.4	1.6	17	1	US-10-307-005-2112	Sequence 2112, Ap
563	13.6	20	1	US-10-238-443-29	Sequence 29, Appl	C 636	13.4	1.6	17	1	US-10-261-185-3710	Sequence 3710, Ap
564	13.6	20	1	US-10-021-707-32	Sequence 32, Appl	C 637	13.4	1.6	17	1	US-10-261-185-3711	Sequence 3711, Ap
565	13.6	20	1	US-10-199-937-167	Sequence 167, App	C 638	13.4	1.6	17	1	US-10-261-185-3714	Sequence 3714, Ap
566	13.6	20	1	US-10-199-937-168	Sequence 168, App	C 639	13.4	1.6	17	1	US-10-261-185-3715	Sequence 3715, Ap
567	13.6	20	1	US-10-396-964-36	Sequence 36, Appl	C 640	13.4	1.6	17	1	US-10-261-185-3718	Sequence 3718, Ap
568	13.6	20	1	US-10-126-355-86	Sequence 86, Appl	C 641	13.4	1.6	17	1	US-10-261-185-3719	Sequence 3719, Ap
569	13.6	20	1	US-10-005-344-300	Sequence 300, App	C 642	13.4	1.6	17	1	US-10-676-154-351	Sequence 351, App
570	13.6	20	1	US-10-181-875-59	Sequence 59, Appl	C 643	13.4	1.6	17	1	US-10-712-672-185	Sequence 185, App
571	13.6	20	1	US-10-181-875-83	Sequence 83, Appl	C 644	13.4	1.6	17	1	US-10-712-672-186	Sequence 186, App
572	13.6	20	1	US-10-370-860A-10	Sequence 10, Appl	C 645	13.4	1.6	17	1	US-10-712-672-988	Sequence 988, App
573	13.6	20	1	US-10-370-860A-12	Sequence 12, Appl	C 646	13.4	1.6	17	1	US-10-388-360-79	Sequence 79, Appl
574	13.6	20	1	US-10-388-263-687	Sequence 687, App	C 647	13.4	1.6	18	1	US-10-388-263-232	Sequence 232, App
575	13.6	20	1	US-10-175-233-33	Sequence 33, Appl	C 648	13.4	1.6	18	1	US-10-206-618-25	Sequence 25, Appl
576	13.6	20	1	US-10-175-233-68	Sequence 68, Appl	C 649	13.4	1.6	18	1	US-10-412-801-9	Sequence 9, Appl
577	13.6	20	1	US-10-174-455-70	Sequence 70, Appl	C 650	13.4	1.6	19	1	US-10-251-117-199	Sequence 199, App
578	13.6	20	1	US-10-174-458-127	Sequence 127, App	C 651	13.4	1.6	19	1	US-10-251-117-448	Sequence 448, App
579	13.6	20	1	US-10-349-143-672	Sequence 762, Ap	C 652	13.4	1.6	19	1	US-10-251-117-750	Sequence 750, App
580	13.6	20	1	US-10-185-035-53	Sequence 53, Appl	C 653	13.4	1.6	19	1	US-10-251-117-1057	Sequence 1057, Ap
581	13.6	20	1	US-10-185-035-110	Sequence 110, App	C 654	13.4	1.6	19	1	US-10-180-781-29	Sequence 29, Appl
582	13.6	20	1	US-10-189-267-105	Sequence 105, App	C 655	13.4	1.6	19	1	US-10-180-781-43	Sequence 43, Appl
583	13.6	20	1	US-10-189-267-232	Sequence 232, App	C 656	13.4	1.6	19	1	US-10-205-309-270	Sequence 270, App
584	13.6	20	1	US-10-289-762-3532	Sequence 3532, Ap	C 657	13.4	1.6	19	1	US-10-205-309-595	Sequence 595, App
585	13.6	20	1	US-10-289-762-4043	Sequence 4043, Ap	C 658	13.4	1.6	19	1	US-10-287-092-66	Sequence 66, Appl
586	13.6	20	1	US-10-289-762-4080	Sequence 4080, Ap	C 659	13.4	1.6	19	1	US-09-754-167-72	Sequence 72, Appl
587	13.6	20	1	US-10-289-763-5638	Sequence 5638, Ap	C 660	13.4	1.6	20	1	US-09-822-722-4	Sequence 4, Appl
588	13.6	20	1	US-10-289-763-5690	Sequence 5690, Ap	C 661	13.4	1.6	20	1	US-09-918-186A-196	Sequence 196, App
589	13.6	20	1	US-10-210-556-43	Sequence 43, Appl	C 662	13.4	1.6	20	1	US-09-104-750-41	Sequence 41, Appl
590	13.6	20	1	US-10-210-556-166	Sequence 166, App	C 663	13.4	1.6	20	1	US-09-864-636A-2382	Sequence 2382
591	13.6	20	1	US-10-210-833-100	Sequence 100, App	C 664	13.4	1.6	20	1	US-10-409-107A-59	Sequence 59, Appl
592	13.6	20	1	US-10-210-833-159	Sequence 159, App	C 665	13.4	1.6	20	1	US-10-084-839-2582	Sequence 2582, Ap
593	13.6	20	1	US-10-273-826-68	Sequence 68, Appl	C 666	13.4	1.6	20	1	US-09-754-106-59	Sequence 59, Appl
594	13.6	20	1	US-10-274-347-68	Sequence 68, Appl	C 667	13.4	1.6	20	1	US-10-181-316-196	Sequence 196, App
595	13.6	20	1	US-10-380-040A-5	Sequence 5, Appl	C 668	13.4	1.6	20	1	US-10-112-2613-23	Sequence 23, Appl
596	13.6	20	1	US-10-633-843-34	Sequence 34, Appl	C 669	13.4	1.6	20	1	US-10-458-746-3	Sequence 3, Appl
597	13.6	20	1	US-10-301-833-80	Sequence 80, Appl	C 670	13.4	1.6	20	1	US-10-108-732-50	Sequence 50, Appl
598	13.6	20	1	US-10-301-833-150	Sequence 150, App	C 671	13.4	1.6	20	1	US-10-204-254A-11	Sequence 11, Appl
599	13.6	20	1	US-10-303-165-19	Sequence 19, Appl	C 672	13.4	1.6	20	1	US-10-204-254A-118	Sequence 118, App
600	13.6	20	1	US-10-303-165-96	Sequence 96, Appl	C 673	13.4	1.6	20	1	US-10-084-839-2582	Sequence 2582, Ap
601	13.6	20	1	US-10-319-915-64	Sequence 64, Appl	C 674	13.4	1.6	20	1	US-10-317-500-88	Sequence 88, Appl
602	13.6	20	1	US-09-504-231A-1244	Sequence 1244, Ap	C 675	13.4	1.6	20	1	US-10-317-500-221	Sequence 221, App
603	13.6	15	1	US-09-276-553D-1244	Sequence 1244, Ap	C 676	13.4	1.6	20	1	US-09-838-386-9	Sequence 9, Appl
604	13.6	15	1	US-09-876-108-7668	Sequence 7668, Ap	C 677	13.4	1.6	20	1	US-10-131-827-8915	Sequence 8915, Ap
605	13.6	17	1	US-09-866-108-7669	Sequence 7669, Ap	C 678	13.4	1.6	20	1	US-10-317-500-221	Sequence 221, App
606	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 679	13.4	1.6	20	1	US-10-317-500-88	Sequence 88, Appl
607	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 680	13.4	1.6	20	1	US-10-317-500-221	Sequence 221, App
608	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 681	13.4	1.6	20	1	US-10-317-500-88	Sequence 88, Appl
609	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 682	13.4	1.6	20	1	US-10-317-500-221	Sequence 221, App
610	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 683	13.4	1.6	20	1	US-10-317-500-88	Sequence 88, Appl
611	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 684	13.4	1.6	20	1	US-10-317-500-221	Sequence 221, App
612	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 685	13.2	1.6	18	1	US-10-317-500-88	Sequence 88, Appl
613	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 686	13.2	1.6	18	1	US-10-317-500-221	Sequence 221, App
614	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 687	13.2	1.6	18	1	US-10-317-500-88	Sequence 88, Appl
615	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 688	13.2	1.6	18	1	US-10-317-500-221	Sequence 221, App
616	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 689	13.2	1.6	18	1	US-10-317-500-88	Sequence 88, Appl
617	13.6	17	1	US-09-866-108-7670	Sequence 7670, Ap	C 690	13.2	1.6	18	1	US-10-317-500-221	Sequence 221, App

C 691	13.2	1.6	18	1	US-10-388-263-327	Sequence 327, App	764	13.2	1.6	20	1	US-10-420-845-16	Sequence 16, Appl
C 692	13.2	1.6	18	1	US-10-349-143-5061	Sequence 5061, Ap	765	13.2	1.6	20	1	US-10-032-585-5581	Sequence 5581, Ap
C 693	13.2	1.6	18	1	US-10-138-674-2170	Sequence 2170, Ap	C 766	13.2	1.6	20	1	US-10-032-585-5593	Sequence 5593, Ap
C 694	13.2	1.6	18	1	US-10-287-949A-2170	Sequence 2170, Ap	C 767	13.2	1.6	20	1	US-10-430-196-31	Sequence 31, Appl
C 695	13.2	1.6	19	1	US-09-179-536B-102	Sequence 102, App	C 768	13.2	1.6	20	1	US-10-005-344-93	Sequence 93, Appl
C 696	13.2	1.6	19	1	US-09-297-576A-102	Sequence 102, App	C 769	13.2	1.6	20	1	US-10-005-344-101	Sequence 101, App
C 697	13.2	1.6	19	1	US-10-114-270-255	Sequence 255, App	C 770	13.2	1.6	20	1	US-10-015-115-154	Sequence 154, App
C 698	13.2	1.6	19	1	US-10-016-248-164	Sequence 164, App	C 771	13.2	1.6	20	1	US-10-015-115-173	Sequence 173, App
C 699	13.2	1.6	19	1	US-10-128-560-137	Sequence 137, App	C 772	13.2	1.6	20	1	US-10-015-115-176	Sequence 176, App
C 700	13.2	1.6	19	1	US-10-251-117-137	Sequence 137, App	C 773	13.2	1.6	20	1	US-10-349-505-5	Sequence 5, Appl
C 701	13.2	1.6	19	1	US-10-251-117-386	Sequence 386, App	C 774	13.2	1.6	20	1	US-10-173-718-42	Sequence 42, Appl
C 702	13.2	1.6	19	1	US-10-251-117-609	Sequence 609, App	C 775	13.2	1.6	20	1	US-10-174-559-73	Sequence 73, Appl
C 703	13.2	1.6	19	1	US-10-251-117-668	Sequence 668, App	C 776	13.2	1.6	20	1	US-10-175-239-34	Sequence 34, Appl
C 704	13.2	1.6	19	1	US-10-251-117-790	Sequence 790, App	C 777	13.2	1.6	20	1	US-10-175-239-69	Sequence 69, Appl
C 705	13.2	1.6	19	1	US-10-251-117-916	Sequence 916, App	C 778	13.2	1.6	20	1	US-10-177-554-46	Sequence 46, Appl
C 706	13.2	1.6	19	1	US-10-251-117-975	Sequence 975, App	C 779	13.2	1.6	20	1	US-10-177-554-182	Sequence 182, App
C 707	13.2	1.6	19	1	US-10-251-117-1097	Sequence 1097, App	C 780	13.2	1.6	20	1	US-10-327-481A-41	Sequence 41, Appl
C 708	13.2	1.6	19	1	US-10-367-438-331	Sequence 331, App	C 781	13.2	1.6	20	1	US-10-349-143-10825	Sequence 10825, A
C 709	13.2	1.6	20	1	US-10-349-143-7520	Sequence 7520, Ap	C 782	13.2	1.6	20	1	US-10-289-762-2327	Sequence 2327, Ap
C 710	13.2	1.6	20	1	US-10-303-420-48	Sequence 48, Appl	C 783	13.2	1.6	20	1	US-10-289-762-4282	Sequence 4282, Ap
C 711	13.2	1.6	20	1	US-09-754-106-59	Sequence 59, Appl	C 784	13.2	1.6	20	1	US-10-289-762-5306	Sequence 5306, Ap
C 712	13.2	1.6	20	1	US-09-752-983-93	Sequence 93, Appl	C 785	13.2	1.6	20	1	US-10-289-762-6489	Sequence 6489, Ap
C 713	13.2	1.6	20	1	US-09-752-983-101	Sequence 101, App	C 786	13.2	1.6	20	1	US-10-447-136-113	Sequence 113, App
C 714	13.2	1.6	20	1	US-09-758-881-34	Sequence 34, Appl	C 787	13.2	1.6	20	1	US-10-199-199-43	Sequence 43, App
C 715	13.2	1.6	20	1	US-09-303-510-71	Sequence 71, Appl	C 788	13.2	1.6	20	1	US-10-199-199-87	Sequence 87, Appl
C 716	13.2	1.6	20	1	US-09-303-040-72	Sequence 72, Appl	C 789	13.2	1.6	20	1	US-10-199-199-116	Sequence 116, Appl
C 717	13.2	1.6	20	1	US-09-062-113-21	Sequence 21, Appl	C 790	13.2	1.6	20	1	US-10-199-199-145	Sequence 145, App
C 718	13.2	1.6	20	1	US-09-921-667-13	Sequence 13, Appl	C 791	13.2	1.6	20	1	US-10-455-552-91	Sequence 91, Appl
C 719	13.2	1.6	20	1	US-09-918-686-81	Sequence 81, Appl	C 792	13.2	1.6	20	1	US-10-210-838-27	Sequence 27, Appl
C 720	13.2	1.6	20	1	US-09-731-457B-10	Sequence 10, Appl	C 793	13.2	1.6	20	1	US-10-210-838-136	Sequence 136, App
C 721	13.2	1.6	20	1	US-09-301-484A-174	Sequence 174, App	C 794	13.2	1.6	20	1	US-10-274-347-24	Sequence 24, Appl
C 722	13.2	1.6	20	1	US-09-369-373-3018	Sequence 3018, Ap	C 795	13.2	1.6	20	1	US-10-300-642-41	Sequence 41, Appl
C 723	13.2	1.6	20	1	US-09-369-373-3020	Sequence 3020, Ap	C 796	13.2	1.6	20	1	US-10-300-642-72	Sequence 72, Appl
C 724	13.2	1.6	20	1	US-09-595-382-16	Sequence 16, Appl	C 797	13.2	1.6	20	1	US-10-671-074-27	Sequence 27, Appl
C 725	13.2	1.6	20	1	US-09-826-581-10	Sequence 10, Appl	C 798	13.2	1.6	20	1	US-10-303-165-47	Sequence 47, Appl
C 726	13.2	1.6	20	1	US-09-791-243-19	Sequence 19, Appl	C 799	13.2	1.6	20	1	US-10-303-165-119	Sequence 119, App
C 727	13.2	1.6	20	1	US-09-791-243-59	Sequence 59, Appl	C 800	13.2	1.6	20	1	US-10-303-266-35	Sequence 35, Appl
C 728	13.2	1.6	20	1	US-09-853-528-174	Sequence 174, App	C 801	13.2	1.6	20	1	US-10-304-116-56	Sequence 56, Appl
C 729	13.2	1.6	20	1	US-09-964-261-204	Sequence 204, App	C 802	13.2	1.6	20	1	US-10-304-116-117	Sequence 117, App
C 730	13.2	1.6	20	1	US-09-824-322B-123	Sequence 123, App	C 803	13.2	1.6	20	1	US-10-688-706-1872	Sequence 1872, Ap
C 731	13.2	1.6	20	1	US-09-942-310-20	Sequence 20, Appl	C 804	13.2	1.6	20	1	US-10-688-706-2118	Sequence 2118, Ap
C 732	13.2	1.6	20	1	US-09-915-485-77	Sequence 77, Appl	C 805	13.2	1.6	20	1	US-10-688-706-2473	Sequence 2473, Ap
C 733	13.2	1.6	20	1	US-09-741-744A-58	Sequence 58, Appl	C 806	13.2	1.6	20	1	US-10-315-474-35	Sequence 35, Appl
C 734	13.2	1.6	20	1	US-09-915-814-116	Sequence 116, App	C 807	13.2	1.6	20	1	US-10-315-474-107	Sequence 107, App
C 735	13.2	1.6	20	1	US-09-921-922A-2	Sequence 2, Appl	C 808	13.2	1.6	20	1	US-10-315-962-37	Sequence 37, Appl
C 736	13.2	1.6	20	1	US-09-866-066-39	Sequence 39, Appl	C 809	13.2	1.6	20	1	US-10-315-962-103	Sequence 103, App
C 737	13.2	1.6	20	1	US-10-626-772-24	Sequence 24, Appl	C 810	13.2	1.6	20	1	US-10-319-914-19	Sequence 19, Appl
C 738	13.2	1.6	20	1	US-10-380-126-34	Sequence 34, Appl	C 811	13.2	1.6	20	1	US-10-319-914-97	Sequence 97, Appl
C 739	13.2	1.6	20	1	US-10-380-125-77	Sequence 77, Appl	C 812	13.2	1.6	20	1	US-10-467-008-72	Sequence 72, Appl
C 740	13.2	1.6	20	1	US-09-923-517-31	Sequence 31, Appl	C 813	13.2	1.6	20	1	US-10-705-137-10	Sequence 10, Appl
C 741	13.2	1.6	20	1	US-09-888-361-133	Sequence 133, App	C 814	13.2	1.6	20	1	US-09-504-231A-440	Sequence 440, App
C 742	13.2	1.6	20	1	US-10-160-497-53	Sequence 53, App	C 815	13.2	1.6	20	1	US-09-274-553D-440	Sequence 440, App
C 743	13.2	1.6	20	1	US-10-144-140-4	Sequence 4, App	C 816	13.2	1.6	20	1	US-09-263-959-59	Sequence 59, Appl
C 744	13.2	1.6	20	1	US-10-348-750-53	Sequence 53, Appl	C 817	13.2	1.6	20	1	US-10-010-802-180	Sequence 180, App
C 745	13.2	1.6	20	1	US-10-348-750-114	Sequence 114, App	C 818	13.2	1.6	20	1	US-09-866-108-1758	Sequence 1758, Ap
C 746	13.2	1.6	20	1	US-10-421-763-17	Sequence 17, App	C 819	13.2	1.6	20	1	US-09-866-108-1759	Sequence 1759, Ap
C 747	13.2	1.6	20	1	US-10-086-181-8	Sequence 8, Appl	C 820	13.2	1.6	20	1	US-09-866-108-1760	Sequence 1760, Ap
C 748	13.2	1.6	20	1	US-10-039-876A-13	Sequence 13, Appl	C 821	13.2	1.6	20	1	US-09-866-108-1761	Sequence 1761, Ap
C 749	13.2	1.6	20	1	US-10-181-846-136	Sequence 136, App	C 822	13.2	1.6	20	1	US-09-866-108-1762	Sequence 1762, Ap
C 750	13.2	1.6	20	1	US-10-238-443-36	Sequence 36, Appl	C 823	13	1.6	15	1	US-10-339-782-358	Sequence 358, App
C 751	13.2	1.6	20	1	US-10-219-834-38	Sequence 38, Appl	C 824	13	1.6	15	1	US-09-969-373-3287	Sequence 3287, Ap
C 752	13.2	1.6	20	1	US-10-016-149-33	Sequence 33, Appl	C 825	13	1.6	15	1	US-10-181-603-10	Sequence 10, Appl
C 753	13.2	1.6	20	1	US-10-007-078-33	Sequence 33, Appl	C 826	13	1.6	15	1		
C 754	13.2	1.6	20	1	US-10-309-362-36	Sequence 36, Appl	C 827	13	1.6	15	1		
C 755	13.2	1.6	20	1	US-10-006-883B-78	Sequence 78, Appl	C 828	13	1.6	15	1		
C 756	13.2	1.6	20	1	US-10-207-498-20	Sequence 20, Appl	C 829	13	1.6	15	1		
C 757	13.2	1.6	20	1	US-10-314-076-10	Sequence 10, Appl	C 830	13	1.6	15	1		
C 758	13.2	1.6	20	1	US-10-232-858-21	Sequence 21, Appl	C 831	13	1.6	15	1		
C 759	13.2	1.6	20	1	US-10-353-150-81	Sequence 81, Appl	C 832	13	1.6	15	1		
C 760	13.2	1.6	20	1	US-10-323-463-7	Sequence 7, Appl	C 833	13	1.6	15	1		
C 761	13.2	1.6	20	1	US-10-054-789-24	Sequence 24, Appl	C 834	13	1.6	15	1		
C 762	13.2	1.6	20	1	US-10-289-845-46	Sequence 46, Appl	C 835	13	1.6	15	1		
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837	13	1.6	19	1	US-10-073-464-4	Sequence 4, Appl	C 910	12.8	1.5	17	1	US-10-163-552-890	Sequence 890, App
C 838	13	1.6	19	1	US-10-340-097-43	Sequence 43, Appl	C 911	12.8	1.5	17	1	US-10-163-552-891	Sequence 891, App
C 839	13	1.6	19	1	US-10-326-215-43	Sequence 43, Appl	912	12.8	1.5	17	1	US-10-156-306-11	Sequence 11, Appl
C 840	13	1.6	19	1	US-10-336-219-43	Sequence 43, Appl	913	12.8	1.5	17	1	US-10-156-306-1273	Sequence 1273, App
C 841	13	1.6	20	1	US-09-730-617-98	Sequence 98, Appl	C 914	12.8	1.5	17	1	US-10-156-306-4867	Sequence 4867, App
C 842	13	1.6	20	1	US-09-889-420-25	Sequence 25, Appl	C 915	12.8	1.5	17	1	US-10-156-306-6865	Sequence 6865, App
C 843	13	1.6	20	1	US-10-144-488-28	Sequence 28, Appl	C 916	12.8	1.5	17	1	US-10-169-983-2	Sequence 2, Appl
C 844	13	1.6	20	1	US-10-153-273-33	Sequence 33, Appl	C 917	12.8	1.5	17	1	US-10-061-201-1670	Sequence 1670, App
C 845	13	1.6	20	1	US-10-161-149-48	Sequence 48, Appl	C 918	12.8	1.5	17	1	US-10-061-201-1671	Sequence 1671, App
C 846	13	1.6	20	1	US-10-066-883A-47	Sequence 47, Appl	C 919	12.8	1.5	17	1	US-10-339-793-68	Sequence 68, Appl
C 847	13	1.6	20	1	US-10-160-632-66	Sequence 66, Appl	C 920	12.8	1.5	17	1	US-10-307-005-1995	Sequence 1995, App
C 848	13	1.6	20	1	US-10-174-460-21	Sequence 21, Appl	C 921	12.8	1.5	17	1	US-10-307-005-1996	Sequence 1996, App
C 849	13	1.6	20	1	US-10-174-460-60	Sequence 60, Appl	C 922	12.8	1.5	17	1	US-10-321-039-623	Sequence 623, App
C 850	13	1.6	20	1	US-10-174-460-102	Sequence 102, Appl	C 923	12.8	1.5	17	1	US-10-138-674-1346	Sequence 1346, App
C 851	13	1.6	20	1	US-10-174-559-85	Sequence 85, Appl	C 924	12.8	1.5	17	1	US-10-138-674-5599	Sequence 5599, App
C 852	13	1.6	20	1	US-10-177-798-43	Sequence 43, Appl	C 925	12.8	1.5	17	1	US-10-138-674-5599	Sequence 5599, App
C 853	13	1.6	20	1	US-10-177-798-68	Sequence 68, Appl	C 926	12.8	1.5	17	1	US-10-138-674-8493	Sequence 8493, App
C 854	13	1.6	20	1	US-10-277-216-92	Sequence 92, Appl	C 927	12.8	1.5	17	1	US-10-138-674-8493	Sequence 8493, App
C 855	13	1.6	20	1	US-10-277-216-209	Sequence 209, Appl	C 928	12.8	1.5	17	1	US-10-287-949A-1346	Sequence 1346, App
C 856	13	1.6	20	1	US-10-189-267-74	Sequence 74, Appl	C 929	12.8	1.5	17	1	US-10-287-949A-5599	Sequence 5599, App
C 857	13	1.6	20	1	US-10-189-267-214	Sequence 214, Appl	C 930	12.8	1.5	17	1	US-10-287-949A-8493	Sequence 8493, App
C 858	13	1.6	20	1	US-10-126-022-92	Sequence 92, Appl	C 931	12.8	1.5	17	1	US-10-712-672-77	Sequence 77, Appl
C 859	13	1.6	20	1	US-10-126-022-209	Sequence 209, Appl	C 932	12.8	1.5	17	1	US-10-712-672-506	Sequence 506, App
C 860	13	1.6	20	1	US-10-633-843-28	Sequence 28, Appl	C 933	12.8	1.5	17	1	US-10-712-672-506	Sequence 506, App
C 861	13	1.6	20	1	US-10-633-843-29	Sequence 29, Appl	C 934	12.8	1.5	17	1	US-10-712-672-506	Sequence 506, App
C 862	12.8	1.5	16	1	US-10-339-674-513	Sequence 513, Appl	C 935	12.8	1.5	17	1	US-10-712-672-506	Sequence 506, App
C 863	12.8	1.5	16	1	US-10-339-674-1463	Sequence 1463, Appl	C 936	12.8	1.5	17	1	US-10-712-672-506	Sequence 506, App
C 864	12.8	1.5	16	1	US-10-084-839-3790	Sequence 3790, Appl	C 937	12.8	1.5	17	1	US-10-712-672-506	Sequence 506, App
C 865	12.8	1.5	17	1	US-09-866-108-1787	Sequence 1787, Appl	C 938	12.8	1.5	18	1	US-10-669-888A-54	Sequence 54, Appl
C 866	12.8	1.5	17	1	US-09-866-108-1788	Sequence 1788, Appl	C 939	12.8	1.5	18	1	US-09-736-034-66	Sequence 66, Appl
C 867	12.8	1.5	17	1	US-09-866-108-1788	Sequence 1788, Appl	C 940	12.8	1.5	18	1	US-09-880-732-49	Sequence 49, Appl
C 868	12.8	1.5	17	1	US-09-866-108-6595	Sequence 6595, Appl	C 941	12.8	1.5	18	1	US-09-918-156-47	Sequence 47, Appl
C 869	12.8	1.5	17	1	US-09-866-108-6596	Sequence 6596, Appl	C 942	12.8	1.5	18	1	US-10-270-839-125	Sequence 125, App
C 870	12.8	1.5	17	1	US-09-866-108-7586	Sequence 7586, Appl	C 943	12.8	1.5	18	1	US-10-440-850-1109	Sequence 1109, App
C 871	12.8	1.5	17	1	US-09-866-108-7587	Sequence 7587, Appl	C 944	12.8	1.5	18	1	US-10-388-263-341	Sequence 341, App
C 872	12.8	1.5	17	1	US-09-866-108-8378	Sequence 8378, Appl	C 945	12.8	1.5	18	1	US-10-349-143-7334	Sequence 7334, App
C 873	12.8	1.5	17	1	US-09-866-108-8384	Sequence 8384, Appl	C 946	12.8	1.5	18	1	US-10-349-143-9227	Sequence 9227, App
C 874	12.8	1.5	17	1	US-09-864-785-146	Sequence 146, Appl	C 947	12.8	1.5	19	1	US-10-349-143-11175	Sequence 11175, A
C 875	12.8	1.5	17	1	US-09-864-785-245	Sequence 245, Appl	C 948	12.8	1.5	19	1	US-08-424-550B-671	Sequence 671, App
C 876	12.8	1.5	17	1	US-09-864-785-1468	Sequence 1468, Appl	C 949	12.8	1.5	19	1	US-08-880-732-50	Sequence 50, Appl
C 877	12.8	1.5	17	1	US-09-825-805-408	Sequence 408, Appl	C 950	12.8	1.5	19	1	US-10-087-684-122	Sequence 122, App
C 878	12.8	1.5	17	1	US-09-825-805-856	Sequence 856, Appl	C 951	12.8	1.5	19	1	US-10-218-779-122	Sequence 122, App
C 879	12.8	1.5	17	1	US-09-961-077-149	Sequence 149, Appl	C 952	12.8	1.5	19	1	US-10-020-695-17	Sequence 17, Appl
C 880	12.8	1.5	17	1	US-09-784-674-112	Sequence 112, Appl	C 953	12.8	1.5	19	1	US-10-225-023-487	Sequence 487, App
C 881	12.8	1.5	17	1	US-09-780-533A-1170	Sequence 1170, Appl	C 954	12.8	1.5	19	1	US-10-225-023-1225	Sequence 1225, App
C 882	12.8	1.5	17	1	US-09-780-533A-1424	Sequence 1424, Appl	C 955	12.8	1.5	19	1	US-10-277-216-117	Sequence 117, App
C 883	12.8	1.5	17	1	US-09-780-533A-1940	Sequence 1940, Appl	C 956	12.8	1.5	19	1	US-10-349-143-4880	Sequence 4880, App
C 884	12.8	1.5	17	1	US-09-877-478-2454	Sequence 2454, Appl	C 957	12.8	1.5	19	1	US-10-206-705-60	Sequence 60, Appl
C 885	12.8	1.5	17	1	US-09-848-754A-1419	Sequence 1419, Appl	C 958	12.8	1.5	19	1	US-10-206-705-245	Sequence 245, App
C 886	12.8	1.5	17	1	US-09-848-754A-2448	Sequence 2448, Appl	C 959	12.8	1.5	19	1	US-10-126-022-117	Sequence 117, App
C 887	12.8	1.5	17	1	US-09-776-474-440	Sequence 440, Appl	C 960	12.8	1.5	19	1	US-10-444-795B-351	Sequence 351, App
C 888	12.8	1.5	17	1	US-09-776-474-1093	Sequence 1093, Appl	C 961	12.8	1.5	19	1	US-10-444-795B-422	Sequence 422, App
C 889	12.8	1.5	17	1	US-09-780-164-892	Sequence 1745, Appl	C 962	12.8	1.5	19	1	US-10-670-184-88	Sequence 88, Appl
C 890	12.8	1.5	17	1	US-09-827-395A-273	Sequence 892, Appl	C 963	12.6	1.5	19	1	US-09-216-393-286	Sequence 286, App
C 891	12.8	1.5	17	1	US-09-827-395A-561	Sequence 561, Appl	C 964	12.6	1.5	19	1	US-09-795-380-9	Sequence 9, Appl
C 892	12.8	1.5	17	1	US-09-827-395A-646	Sequence 646, Appl	C 965	12.6	1.5	19	1	US-09-954-225-11	Sequence 11, Appl
C 893	12.8	1.5	17	1	US-09-827-395A-893	Sequence 893, Appl	C 966	12.6	1.5	19	1	US-09-954-225-11	Sequence 11, Appl
C 894	12.8	1.5	17	1	US-09-827-395A-894	Sequence 894, Appl	C 967	12.6	1.5	19	1	US-09-954-225-11	Sequence 11, Appl
C 895	12.8	1.5	17	1	US-09-745-237A-1745	Sequence 1745, Appl	C 968	12.6	1.5	19	1	US-09-954-225-11	Sequence 11, Appl
C 896	12.8	1.5	17	1	US-10-342-902-2454	Sequence 2454, Appl	C 969	12.6	1.5	19	1	US-09-844-653-73	Sequence 73, Appl
C 897	12.8	1.5	17	1	US-09-927-046-1094	Sequence 1094, Appl	C 970	12.6	1.5	19	1	US-09-902-176A-47	Sequence 47, Appl
C 898	12.8	1.5	17	1	US-09-927-046-1095	Sequence 1095, Appl	C 971	12.6	1.5	19	1	US-10-219-446-23	Sequence 23, Appl
C 899	12.8	1.5	17	1	US-09-927-046-1588	Sequence 1588, Appl	C 972	12.6	1.5	19	1	US-10-065-200A-47	Sequence 47, Appl
C 900	12.8	1.5	17	1	US-09-927-046-1814	Sequence 1814, Appl	C 973	12.6	1.5	19	1	US-10-032-495-23	Sequence 23, Appl
C 901	12.8	1.5	17	1	US-09-927-046-2141	Sequence 2141, Appl	C 974	12.6	1.5	19	1	US-10-219-113-3	Sequence 3, Appl
C 902	12.8	1.5	17	1	US-10-430-882-273	Sequence 273, Appl	C 975	12.6	1.5	19	1	US-10-224-005-156	Sequence 156, App
C 903	12.8	1.5	17	1	US-10-430-882-561	Sequence 561, Appl	C 976	12.6	1.5	19	1	US-10-224-005-317	Sequence 317, App
C 904	12.8	1.5	17	1	US-10-430-882-646	Sequence 646, Appl	C 977	12.6	1.5	19	1	US-10-241-780-24	Sequence 24, Appl
C 905	12.8	1.5	17	1	US-10-430-882-893	Sequence 893, Appl	C 978	12.6	1.5	19	1	US-10-251-117-8	Sequence 8, Appl
C 906	12.8	1.5	17	1	US-10-430-882-894	Sequence 894, Appl	C 979	12.6	1.5	19	1	US-10-251-117-16	Sequence 16, Appl
C 907	12.8	1.5	17	1	US-10-020-038-14	Sequence 14, Appl	C 980	12.6	1.5	19	1	US-10-251-117-54	Sequence 54, Appl
C 908	12.8	1.5	17	1	US-10-163-552-845	Sequence 424, Appl	C 981	12.6	1.5	19	1	US-10-251-117-257	Sequence 257, App
C 909	12.8	1.5	17	1	US-10-163-552-845	Sequence 845, Appl	C 982	12.6	1.5	19	1	US-10-251-117-265	Sequence 265, App

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Sequence 6, Appl

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US-09-866-108-13277/C
; Sequence 13277, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 13277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13277

Query Match      2.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 401 CACCCTGCTCCAGCAGGCTCTCC 423
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Db 23 CACTCTGCTCCAGCTGGCTGTGC 1

RESULT 12
US-09-906-807-2
; Sequence 2, Application US/09906807
; Patent No. US20020166129A1
; GENERAL INFORMATION:
; APPLICANT: MGLACHLAN, CORRAN NORMAN STUART
; TITLE OF INVENTION: MILK AND MILK PRODUCTS FOR PREVENTING OR TREATING HEART
; FILE REFERENCE: DISEASE
; CURRENT APPLICATION NUMBER: US/09/906,807
; CURRENT FILING DATE: 2001-07-18

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Query Match 2.0%; Score 16.6; DB 1; Length 25;  
 Best Local Similarity 82.6%; Pred. No. 1.5e+02;  
 Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 327 GAAGCTGTGGAGCAACTGTGTC 349  
 DB 1 GAAGAAGTAGAGCAACTGTGTC 23

RESULT 15  
 US-10-098-263B-112044/c  
 ; Sequence 112044, Application US/10098263B  
 ; Publication No. US20030104410A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mittman, Michael  
 ; TITLE OF INVENTION: Human Microarray  
 ; FILE REFERENCE: 3118.1  
 ; CURRENT APPLICATION NUMBER: US/10/098,263B  
 ; CURRENT FILING DATE: 2003-01-08  
 ; PRIOR APPLICATION NUMBER: 60/276,759  
 ; PRIOR FILING DATE: 2001-03-16  
 ; NUMBER OF SEQ ID NOS: 131066  
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
 ; SEQ ID NO 112044  
 ; LENGTH: 25  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapien  
 ; OTHER INFORMATION: Made in lab.

US-10-098-263B-112044

Query Match 2.0%; Score 16.6; DB 1; Length 25;  
 Best Local Similarity 82.6%; Pred. No. 1.5e+02;  
 Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 284 GTTGAACCTGTAGTCGGGGCC 306  
 DB 25 GTTCCGACTGTAGTCGGGGACC 3

RESULT 16  
 US-10-369-679-2  
 ; Sequence 2, Application US/10369679  
 ; Publication No. US20030221200A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: McLachlan, Corran N S  
 ; TITLE OF INVENTION: Breeding and Milking Cows for Milk Free of beta-Casein A1  
 ; FILE REFERENCE: GL215884-003  
 ; CURRENT APPLICATION NUMBER: US/10/369,679  
 ; CURRENT FILING DATE: 2003-02-21  
 ; PRIOR APPLICATION NUMBER: NZ272133  
 ; PRIOR FILING DATE: 1995-05-16  
 ; PRIOR APPLICATION NUMBER: US08/645219  
 ; PRIOR FILING DATE: 1996-05-13  
 ; PRIOR APPLICATION NUMBER: US09/500801  
 ; PRIOR FILING DATE: 2000-02-10  
 ; NUMBER OF SEQ ID NOS: 14  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 2  
 ; LENGTH: 25  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Made in lab.

US-10-369-679-2

Query Match 2.0%; Score 16.6; DB 1; Length 25;  
 Best Local Similarity 82.6%; Pred. No. 1.5e+02;  
 Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 452 TGCCTTCCAGGAGAGCTCCAGG 474  
 DB 3 TTCTTCCAGGATGAAGTCCAGG 25

RESULT 17  
 US-10-405-358-2  
 ; Sequence 2, Application US/10405358  
 ; Publication No. US20030221202A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: McLACHLAN, CORRAN NORMAN STUART  
 ; TITLE OF INVENTION: MILK AND MILK PRODUCTS FOR PREVENTING OR TREATING HEART  
 ; TITLE OF INVENTION: DISEASE  
 ; FILE REFERENCE: GL214627-003  
 ; CURRENT APPLICATION NUMBER: US/10/405,358  
 ; CURRENT FILING DATE: 2003-04-03  
 ; PRIOR APPLICATION NUMBER: 09/500,801  
 ; PRIOR FILING DATE: 2000-02-10  
 ; PRIOR APPLICATION NUMBER: 08/645,219  
 ; PRIOR FILING DATE: 1996-05-13  
 ; PRIOR APPLICATION NUMBER: NZ 272133  
 ; PRIOR FILING DATE: 1995-05-16  
 ; NUMBER OF SEQ ID NOS: 14  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 2  
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 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-405-358-2

Query Match 2.0%; Score 16.6; DB 1; Length 25;  
 Best Local Similarity 82.6%; Pred. No. 1.5e+02;  
 Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 452 TGCCTTCCAGGAGAGCTCCAGG 474  
 DB 3 TTCTTCCAGGATGAAGTCCAGG 25

RESULT 18  
 US-10-321-039-575/c  
 ; Sequence 575, Application US/10321039  
 ; Publication No. US20040014067A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Lyamichiev, Victor  
 ; APPLICANT: Lukowiak, Andrew  
 ; APPLICANT: Jarvis, Nancy  
 ; APPLICANT: Karsensky, David  
 ; TITLE OF INVENTION: Amplification Methods and Compositions  
 ; FILE REFERENCE: FORS-06960  
 ; CURRENT APPLICATION NUMBER: US/10/321,039  
 ; CURRENT FILING DATE: 2002-12-17  
 ; PRIOR APPLICATION NUMBER: 09/998,157  
 ; PRIOR FILING DATE: 2001-11-30  
 ; PRIOR APPLICATION NUMBER: 60/329,113  
 ; PRIOR FILING DATE: 2001-10-12  
 ; PRIOR APPLICATION NUMBER: 60/360,489  
 ; PRIOR FILING DATE: 2001-10-19  
 ; NUMBER OF SEQ ID NOS: 759  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 575  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic

US-10-321-039-575

Query Match 1.9%; Score 16.2; DB 1; Length 21;  
 Best Local Similarity 85.7%; Pred. No. 1.4e+02;  
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 982 GAGTCTCTGATGTGAGACG 902  
 DB 21 GGGGGCATGATGTGAGACG 1





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1276	12.2	1.5	17	1	US-10-060-756A-4228	Sequence 4228, Ap	1349	12.2	1.5	17	1	US-10-287-949A-7587	Sequence 7587, Ap
c1277	12.2	1.5	17	1	US-10-044-692-248	Sequence 248, App	c1350	12.2	1.5	17	1	US-10-287-949A-7604	Sequence 7604, Ap
c1278	12.2	1.5	17	1	US-10-044-539-248	Sequence 248, App	1351	12.2	1.5	17	1	US-10-287-949A-7992	Sequence 7992, Ap
1279	12.2	1.5	17	1	US-10-060-895A-93	Sequence 93, App	c1352	12.2	1.5	17	1	US-10-287-949A-8013	Sequence 8013, Ap
c1280	12.2	1.5	17	1	US-10-060-895A-128	Sequence 128, App	c1353	12.2	1.5	17	1	US-10-287-949A-9081	Sequence 9081, Ap
c1281	12.2	1.5	17	1	US-10-060-895A-706	Sequence 706, App	1354	12.2	1.5	17	1	US-10-712-672-76	Sequence 76, App
c1282	12.2	1.5	17	1	US-10-060-998-126	Sequence 126, App	c1355	12.2	1.5	17	1	US-10-712-672-108	Sequence 108, App
c1283	12.2	1.5	17	1	US-10-060-998-149	Sequence 149, App	c1356	12.2	1.5	17	1	US-10-712-672-1008	Sequence 1008, Ap
1284	12.2	1.5	17	1	US-10-060-998-927	Sequence 927, App	c1357	12.2	1.5	17	1	US-10-712-672-1017	Sequence 1017, Ap
1285	12.2	1.5	17	1	US-10-060-998-928	Sequence 928, App	1358	12.2	1.5	17	1	US-10-712-672-1953	Sequence 1953, Ap
c1286	12.2	1.5	17	1	US-10-060-998-1364	Sequence 1364, Ap	c1359	12.2	1.5	17	1	US-10-712-672-1978	Sequence 1978, Ap
c1287	12.2	1.5	17	1	US-10-060-998-1365	Sequence 1365, Ap	1360	12.2	1.5	17	1	US-10-712-672-2051	Sequence 2051, Ap
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c1289	12.2	1.5	17	1	US-10-163-552-73	Sequence 73, App	c1362	12.2	1.5	18	1	US-09-866-028-86	Sequence 86, App
1290	12.2	1.5	17	1	US-10-163-552-135	Sequence 135, App	c1363	12.2	1.5	18	1	US-09-813-289-4	Sequence 4, App
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c1292	12.2	1.5	17	1	US-10-209-324-17	Sequence 17, App	c1365	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, App
c1293	12.2	1.5	17	1	US-10-156-306-8	Sequence 8, App	c1366	12.2	1.5	18	1	US-09-989-727-530	Sequence 530, App
1294	12.2	1.5	17	1	US-10-156-306-1643	Sequence 1643, Ap	c1367	12.2	1.5	18	1	US-09-944-449-86	Sequence 86, App
c1295	12.2	1.5	17	1	US-10-156-306-1754	Sequence 1754, Ap	c1368	12.2	1.5	18	1	US-09-989-731-530	Sequence 530, App
c1296	12.2	1.5	17	1	US-10-156-306-4897	Sequence 4897, Ap	c1369	12.2	1.5	18	1	US-09-944-457-86	Sequence 86, App
c1297	12.2	1.5	17	1	US-10-156-306-5001	Sequence 5001, Ap	c1370	12.2	1.5	18	1	US-09-989-732-530	Sequence 530, App
c1298	12.2	1.5	17	1	US-10-156-306-5182	Sequence 5182, Ap	c1371	12.2	1.5	18	1	US-09-989-750-52	Sequence 52, App
c1299	12.2	1.5	17	1	US-10-156-306-5839	Sequence 5839, Ap	1372	12.2	1.5	18	1	US-09-91-073-530	Sequence 530, App
c1300	12.2	1.5	17	1	US-10-156-306-5921	Sequence 5921, Ap	c1373	12.2	1.5	18	1	US-09-945-587-86	Sequence 86, App
1301	12.2	1.5	17	1	US-10-156-306-6905	Sequence 6905, Ap	c1374	12.2	1.5	18	1	US-09-990-442-530	Sequence 530, App
c1302	12.2	1.5	17	1	US-10-211-060-61	Sequence 61, App	c1375	12.2	1.5	18	1	US-09-991-163-530	Sequence 530, App
1303	12.2	1.5	17	1	US-10-138-888-50	Sequence 50, App	c1376	12.2	1.5	18	1	US-09-945-015-86	Sequence 86, App
c1304	12.2	1.5	17	1	US-10-238-700-286	Sequence 286, App	c1377	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, App
1305	12.2	1.5	17	1	US-10-238-700-889	Sequence 889, App	c1378	12.2	1.5	18	1	US-09-944-097-86	Sequence 86, App
c1306	12.2	1.5	17	1	US-10-238-700-2979	Sequence 2979, Ap	1380	12.2	1.5	18	1	US-09-969-373-2312	Sequence 2312, Ap
c1307	12.2	1.5	17	1	US-10-339-782-87	Sequence 87, App	c1381	12.2	1.5	18	1	US-09-969-373-3420	Sequence 3420, Ap
c1308	12.2	1.5	17	1	US-10-061-201-1178	Sequence 1178, Ap	1382	12.2	1.5	18	1	US-09-969-373-4332	Sequence 4332, Ap
1309	12.2	1.5	17	1	US-10-061-201-1797	Sequence 1797, Ap	c1383	12.2	1.5	18	1	US-09-993-604-530	Sequence 530, App
c1310	12.2	1.5	17	1	US-10-061-201-1801	Sequence 1801, Ap	c1384	12.2	1.5	18	1	US-09-990-456-530	Sequence 530, App
c1311	12.2	1.5	17	1	US-10-061-201-1803	Sequence 1803, Ap	c1385	12.2	1.5	18	1	US-09-944-432-86	Sequence 86, App
c1312	12.2	1.5	17	1	US-10-339-793-192	Sequence 192, App	c1386	12.2	1.5	18	1	US-09-943-762-86	Sequence 86, App
c1313	12.2	1.5	17	1	US-10-338-777-337	Sequence 337, App	c1387	12.2	1.5	18	1	US-09-944-654-86	Sequence 86, App
c1314	12.2	1.5	17	1	US-10-230-006-2147	Sequence 2147, Ap	c1388	12.2	1.5	18	1	US-09-989-721-530	Sequence 530, App
c1315	12.2	1.5	17	1	US-10-209-787-3158	Sequence 3158, Ap	c1389	12.2	1.5	18	1	US-09-943-851A-86	Sequence 86, App
c1316	12.2	1.5	17	1	US-10-209-787-3159	Sequence 3159, Ap	c1390	12.2	1.5	18	1	US-09-944-413-86	Sequence 86, App
c1317	12.2	1.5	17	1	US-10-297-068-562	Sequence 562, App	c1391	12.2	1.5	18	1	US-09-932-598-530	Sequence 530, App
c1318	12.2	1.5	17	1	US-10-297-068-1235	Sequence 1235, Ap	c1392	12.2	1.5	18	1	US-09-944-403-86	Sequence 86, App
c1319	12.2	1.5	17	1	US-10-376-341-202	Sequence 202, App	c1393	12.2	1.5	18	1	US-09-944-896-86	Sequence 86, App
1320	12.2	1.5	17	1	US-10-261-185-3158	Sequence 3158, Ap	c1394	12.2	1.5	18	1	US-09-944-944-86	Sequence 86, App
c1321	12.2	1.5	17	1	US-10-261-185-3159	Sequence 3159, Ap	c1395	12.2	1.5	18	1	US-09-989-293A-530	Sequence 530, App
c1322	12.2	1.5	17	1	US-10-138-674-894	Sequence 894, App	1396	12.2	1.5	18	1	US-09-861-012-34	Sequence 34, App
c1323	12.2	1.5	17	1	US-10-138-674-1379	Sequence 1379, Ap	c1397	12.2	1.5	18	1	US-09-995-847-13	Sequence 13, App
c1324	12.2	1.5	17	1	US-10-138-674-2754	Sequence 2754, Ap	c1398	12.2	1.5	18	1	US-09-989-735-530	Sequence 530, App
c1325	12.2	1.5	17	1	US-10-138-674-3219	Sequence 3219, Ap	c1399	12.2	1.5	18	1	US-09-990-444-530	Sequence 530, App
c1326	12.2	1.5	17	1	US-10-138-674-3551	Sequence 3551, Ap	c1400	12.2	1.5	18	1	US-09-944-929-86	Sequence 86, App
c1327	12.2	1.5	17	1	US-10-138-674-3559	Sequence 3559, Ap	c1401	12.2	1.5	18	1	US-09-991-181-530	Sequence 530, App
1328	12.2	1.5	17	1	US-10-138-674-4704	Sequence 4704, Ap	c1402	12.2	1.5	18	1	US-09-989-730-530	Sequence 530, App
c1329	12.2	1.5	17	1	US-10-138-674-4823	Sequence 4823, Ap	c1403	12.2	1.5	18	1	US-09-944-907-86	Sequence 86, App
c1330	12.2	1.5	17	1	US-10-138-674-6180	Sequence 6180, Ap	c1404	12.2	1.5	18	1	US-09-990-436-530	Sequence 530, App
c1331	12.2	1.5	17	1	US-10-138-674-6439	Sequence 6439, Ap	c1405	12.2	1.5	18	1	US-09-993-687-530	Sequence 530, App
c1332	12.2	1.5	17	1	US-10-138-674-7199	Sequence 7199, Ap	c1406	12.2	1.5	18	1	US-09-989-734-530	Sequence 530, App
c1333	12.2	1.5	17	1	US-10-138-674-7587	Sequence 7587, Ap	c1407	12.2	1.5	18	1	US-09-997-653-530	Sequence 530, App
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## ALIGNMENTS

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; Patent No. US20020127668A1
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; TITLE OF INVENTION: The State University of New Jersey
; TITLE OF INVENTION: No. US20020127669A1el Compositions for the Expression of the Huma
; TITLE OF INVENTION: Histidine Transporter 1 and Methods of Use thereof
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31

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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-48

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Best Local Similarity 87.0%; Pred. No. 75;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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; Sequence 3, Application US/10168048A
; Publication No. US20030143695A1
; GENERAL INFORMATION:
; APPLICANT: HINUMA, Shuji
; APPLICANT: FUKUSUMI, Shoji
; APPLICANT: FUJI, Ryo
; APPLICANT: HOSOYA, Masaki
; TITLE OF INVENTION: No. US20030143695A1el Polypeptide and DNA thereof
; FILE REFERENCE: 2678 USOP
; CURRENT APPLICATION NUMBER: US/10/168,048A
; CURRENT FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: PCT/JP00/09896
; PRIOR FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: JP 11-358707
; PRIOR FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: JP 2000-46825
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 27
; TYPE: DNA
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; OTHER INFORMATION: primer
US-10-168-048A-3

Query Match 2.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 83;
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; Sequence 98644, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
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